

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130  
617-983-6622

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

06/20/12

Janine D'Amico  
Assistant District Attorney, Suffolk County

Dear ADA D'Amico,

Enclosed are copies of the information you requested regarding sample number  
[REDACTED]  
in the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Daniela Frasca and Kate A. Corbett.
3. Control Card with Analytical Results for sample number [REDACTED]
4. Analysis Notation Forms for the above sample number.
5. GC-MS Raw Data Sheets for the above sample number.

GC-MS confirmatory testing was performed by Kate A. Corbett. All other testing was performed by Daniela Frasca. If you have any questions or concerns about these facts, please contact me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniela Frasca".

Daniela Frasca  
Chemist II  
Drug Laboratory  
617 983-6631  
fax: 617 983-6625

**DRUG RECEIPT**

11-AL-493

CC # \_\_\_\_\_  
BOOK # 66  
PAGE # 45  
DESTRUCTION # \_\_\_\_\_

District/Unit A-1 DCUName & Rank of Arresting Officer S/LO Wm DWAN ID# 10060

DEFENDANT'S NAME	ADDRESS	CITY	STATE
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
CRACK COCAINE	5 P/B <sup>u</sup>	2.08g	
CRACK COCAINE	22 P/B <sup>u</sup>	17.14g	
HERoin	11 P/B <sup>u</sup>	7.09g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer J. L. M. N.ID# 9370Received by EODate 1-5-12

ECU Control # \_\_\_\_\_

# Curriculum Vitae

## Daniela Frasca

### Education

#### **Suffolk University, Boston, MA**

*Graduated in 05/1996 and received a Bachelor of Science in Biochemistry*

### EXPERIENCE

#### **Massachusetts State Laboratory Institute/DPH, Jamaica Plain, MA**      01/2001 – present

##### Drug Laboratory: Chemist II

- Analysis of all substances by chemical screening, microscopy, and instrument confirmation to determine the presence of drugs for law enforcement agencies in the Commonwealth of Massachusetts.
- Appointed assistant analyst on January 29, 2001 by the Assistant Commissioner of DPH
- Completed four weeks of training in drug analysis under the supervision of senior chemists.

#### **Quest Diagnostics Incorporated, Cambridge, MA**      09/1996 – 10/2001

##### Department of Toxicology: Medical Technologist I

- Handles comprehensive toxic analysis, therapeutic drug monitoring, forensic drug screening, and compound ID's of biohazard samples utilizing standard operating procedures in clinical toxicology.
- Entered data and interpreted results for reporting
- QC/QA of multiple analytical instrumentation as well as maintenance
- Completed 60 days of training under the supervision of doctorate level toxicologists.

### Additional Training and Graduate Courses

#### **Boston University School of Medicine**

Forensic Toxicology	Bloodstain Pattern Analysis	Forensic Pathology
Pattern Evidence Analysis	Trace Evidence Analysis	
Forensic Biology	Criminal Law Mock Court (Expert Witness)	

#### **Northeastern Association of Forensic Scientists**

Designer Drugs	Clandestine labs
Agilent Instruments and Software	Digital Photography

#### **McCrone Research Institute**

Scanning Electron Microscopy and X-ray Microanalysis	Forensic Polarized Microscopy
Polarized Microscopy of Illicit Drugs and Excipients	Chemical Microscopy
Sample Preparation and Manipulation for Microanalysis	

#### **Massachusetts State Laboratory Institute**

Expert Witness Testimony	Portable Raman Spectrometry
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### Associations and Programs

- Northeastern Association of Forensic Scientists (NEAFS)
- The International Association of Forensic Toxicologists (TIAFT)
- The International Association of Therapeutic Drug Monitoring And Clinical Toxicology (IATDMCT)
- Massachusetts State Science Fair Judge
- Middle School State Science Fair Judge
- TTT Mentor Science Project Mentor/Tutor Volunteer

# Curriculum Vitae

Kate A. Corbett

## Education

**Bachelor of Science Degree, CHEMISTRY May 2003**

**MERRIMACK COLLEGE**

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

## Employment

**Chemist II State Laboratory Institute (March 2008-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

**Chemist I State Laboratory Institute (2005-March 2008)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

**Research Associate (September 2003 ~ August 2005)**

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

**Intern (March 2003 – August 2003)**

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

No. [REDACTED]

Date Analyzed:

City: Boston D.C.U. Police Dept.

2/17/12

Officer: P.O. Diana Lopez

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 11 Cont: pb

Date Rec'd: 01/05/2012

No. Analyzed: 11

Gross Wt.: 7.09

Net Weight: 1.87g

# Tests: 55

Prelim:

Heroin

Findings:

Heroin 220A

**DRUG POWDER ANALYSIS FORM**

SAMPLE #

AGENCY

Boston

ANALYST

(MM)

PHYSICAL DESCRIPTION:

an open PB

Balance check  
RND LVL  
Serial# 2  
OK

Balance check of  
College Mentor Toledo  
Delta Range  
Serial# [REDACTED]  
OK

→  
[REDACTED] - Tested

L.V. M. OK

Powder in 11PB (one PB untd)

11 Marg +, purple  
11 Broad +, purple  
11 Meek +, green  
11 Cobalt +, blue specks

Gross wt. 3.1302g  
(double bagged)  
Gross and Net wt  
all 11 are on back

Total Net wt. 1.8777g

PRELIMINARY TEST RESULTSFINAL TEST RESULTS

COCAINE

HEROIN

NEGATIVE

OTHER

DATE: 2/7/12

COCAINE

HEROIN

NEGATIVE

OTHER

DATE: 2/17/12

R: NCM M5:1/12

**SAMPLE #**

samples tested ✓

#	GROSS WEIGHT	PACKET WEIGHT	NET WEIGHT	NET WEIGHT
1	0.2761		0.1633	0.1544+
2	0.2611		0.1544	0.0709+
3	0.1543		0.0709	0.1042+
4	0.1914		0.1042	0.0829+
5	0.1578		0.0829	0.204+
6	0.3146		0.2040	0.2064+
7	0.3230		0.2064	0.2637+
8	0.4488		0.2637	0.2956+
9	0.4218		0.2956	0.1643+
10	0.2704		0.1643	0.168+
11	0.3112		0.1680	1.8777*
12			1.8777	
13				31
14				32
15				33
16				34
17				35
18				36
19				37
20				38
21				39
22				40
23				41
24				42
25				43
				44
				45
				46
				47
				48
				49
				50

AVERAGE WT. OF PACKETS: \_\_\_\_\_ AVERAGE WT. OF POWDER \_\_\_\_\_

AVERAGE WT. OF POWDER \_\_\_\_\_

**GROSS WEIGHT OF PACKETS AND POWDER** =

50/50

**TOTAL WEIGHT OF PACKETS (EST.)**

27

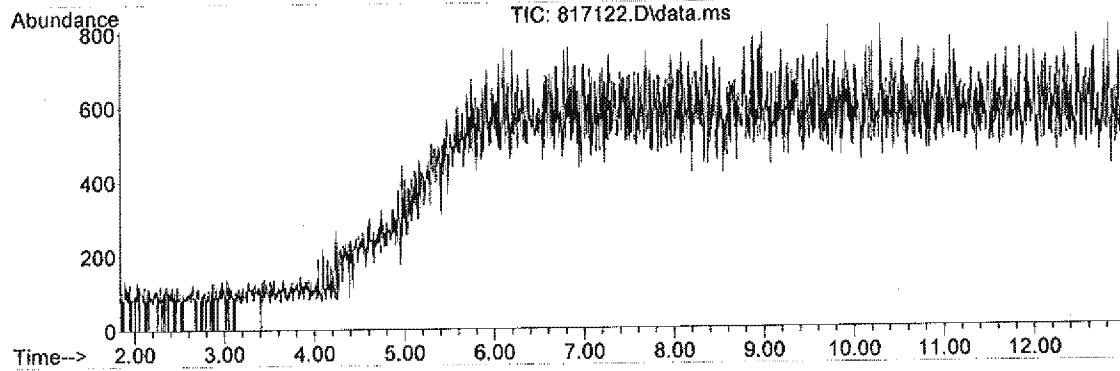
**NET ESTIMATED POWDER WEIGHT**

10

VKAC  
6/19/12

## Information from Data File:

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Operator : KAC  
Date Acquired : 15 Feb 2012 20:04  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

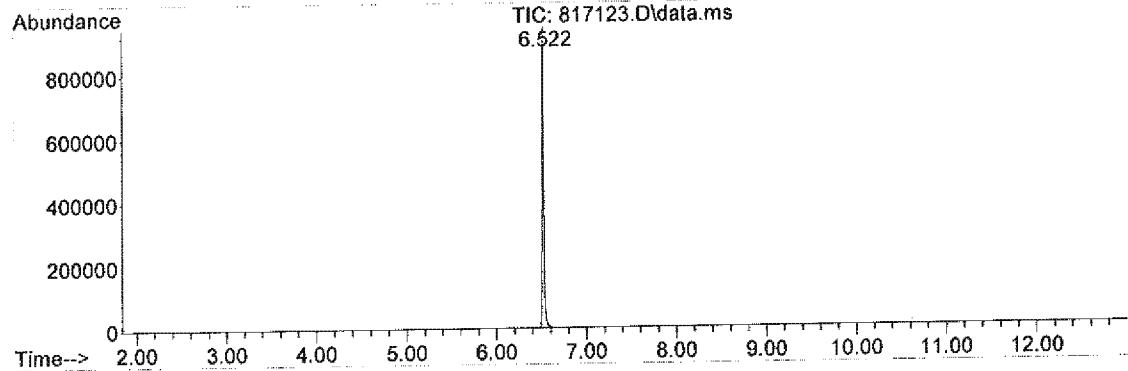


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\817123.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 20:20  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 23  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



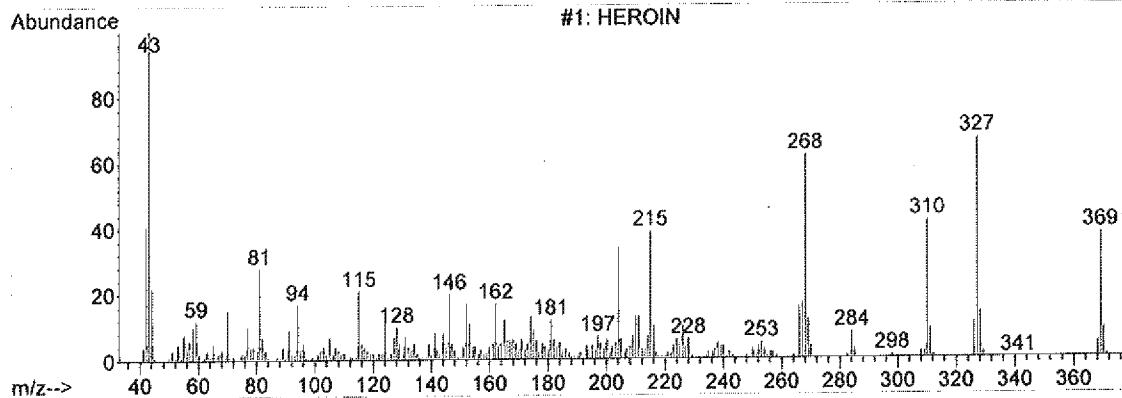
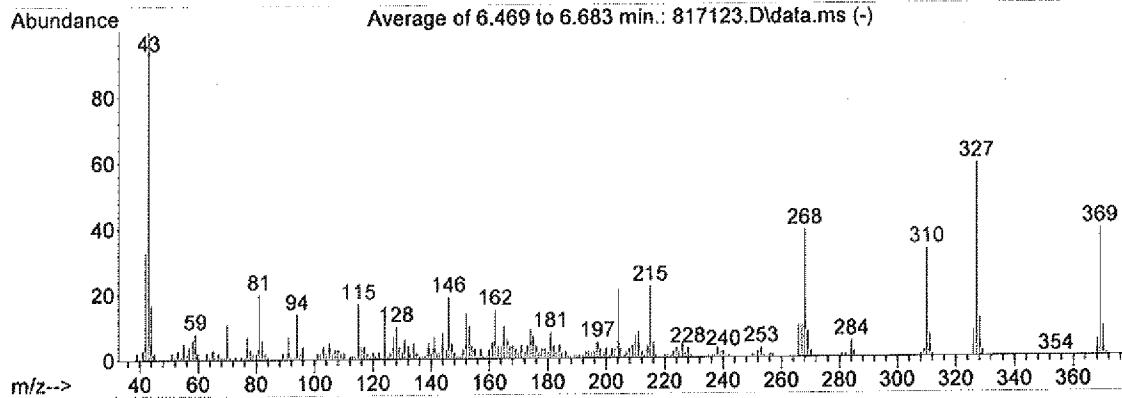
Ret. Time	Area	Area %	Ratio %
6.522	1143345	100.00	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817123.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 20:20  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 23  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

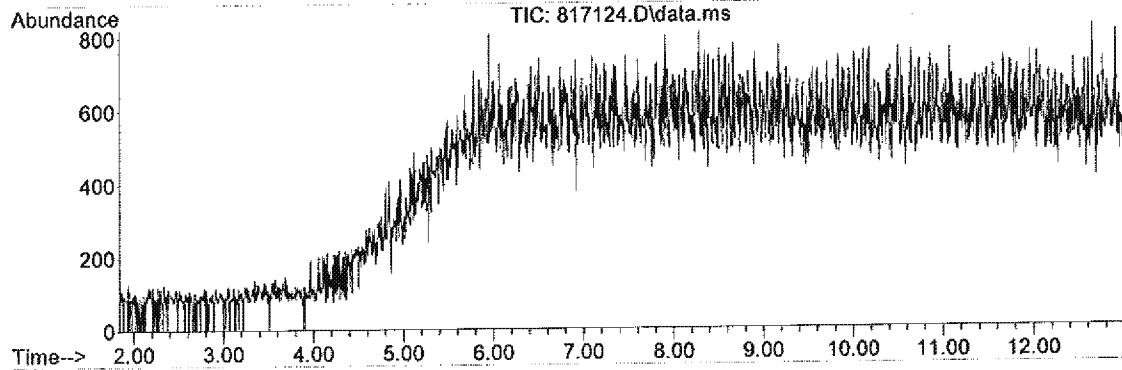
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C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.52	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817124.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 20:35  
Sample Name : BLANK  
Submitted by : DXF  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

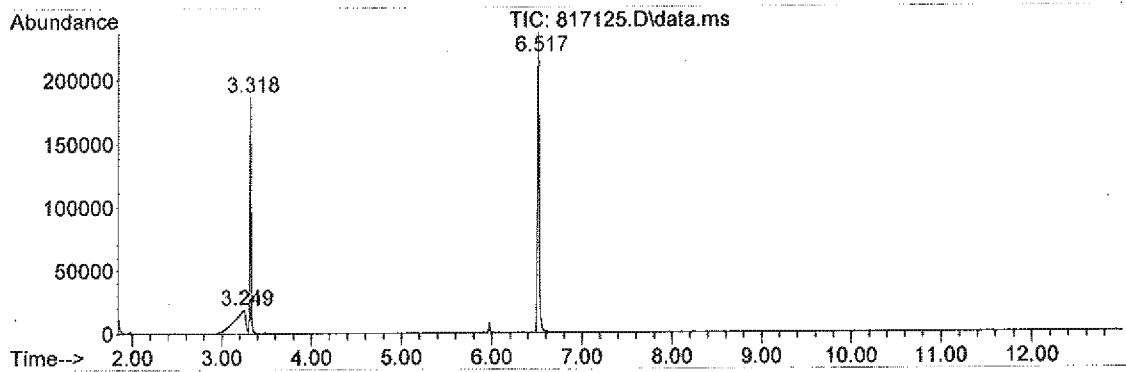


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\817125.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 20:51  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 25  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



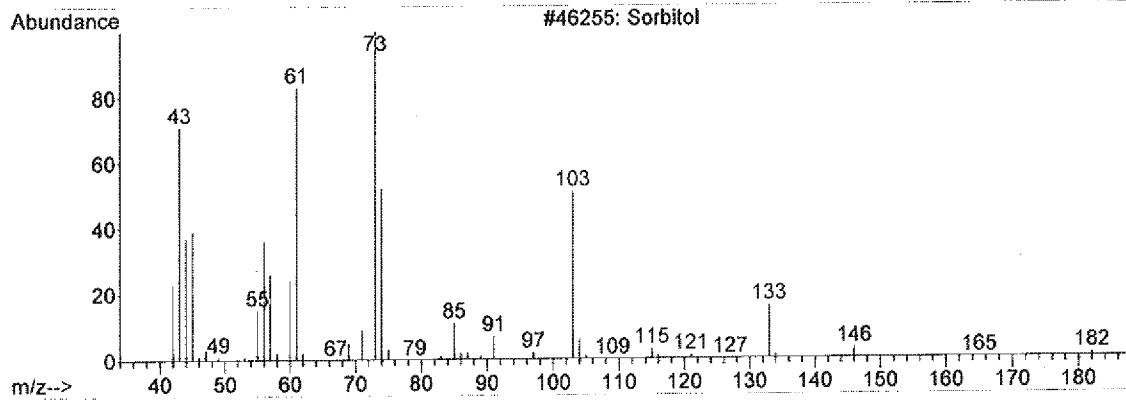
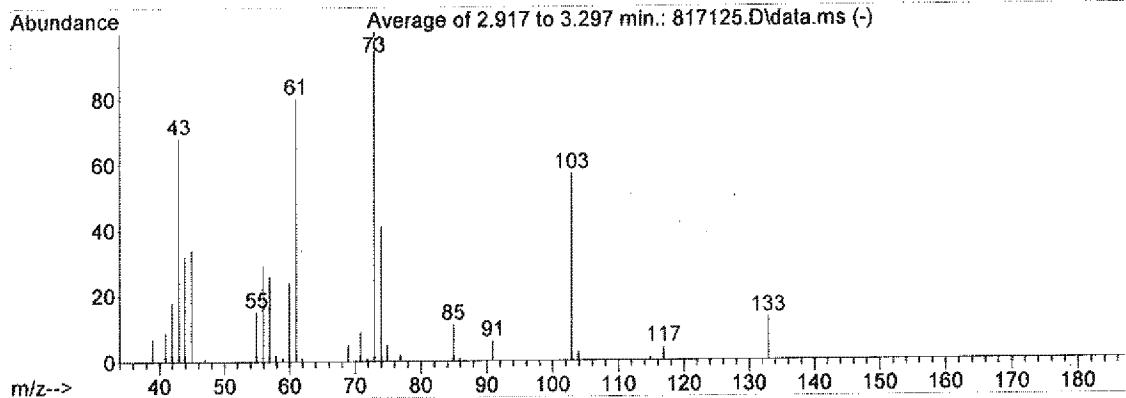
Ret. Time	Area	Area %	Ratio %
3.249	172642	25.64	53.63
3.318	178667	26.54	55.50
6.517	321912	47.82	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817125.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 20:51  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 25  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	91
		Glucitol	026566-34-7	83
		Sorbitol	000050-70-4	72

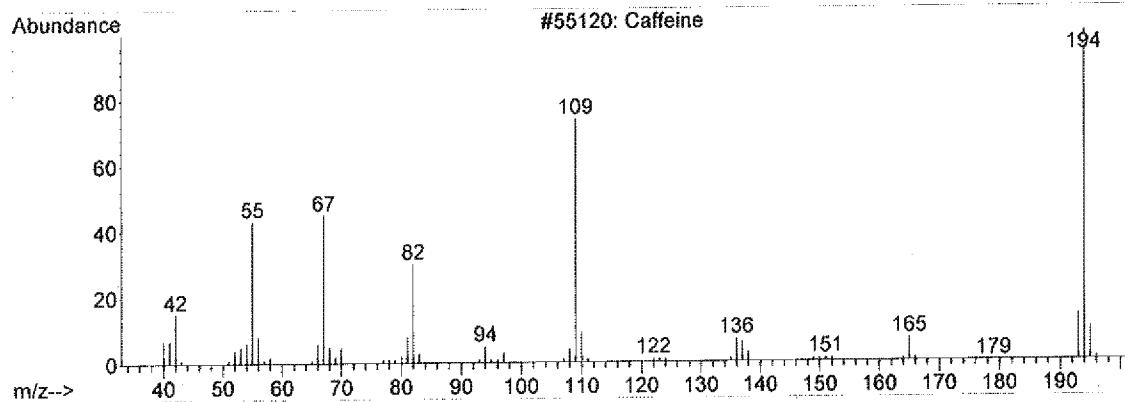
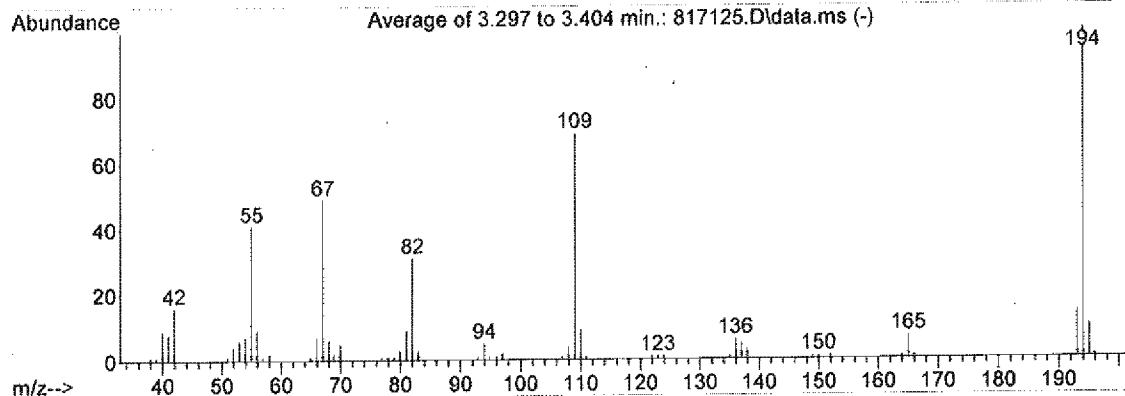


## Information from Data File:

File Name : K:\02\_15\_12\817125.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 20:51  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 25  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	96

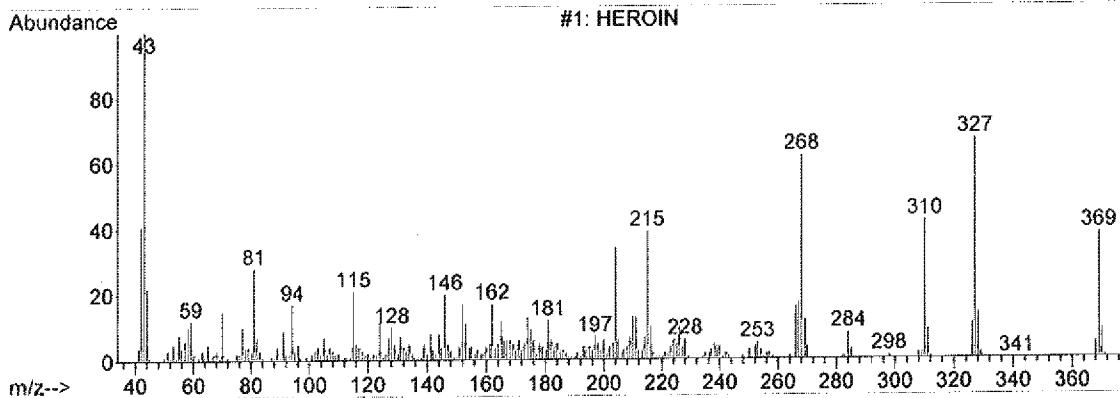
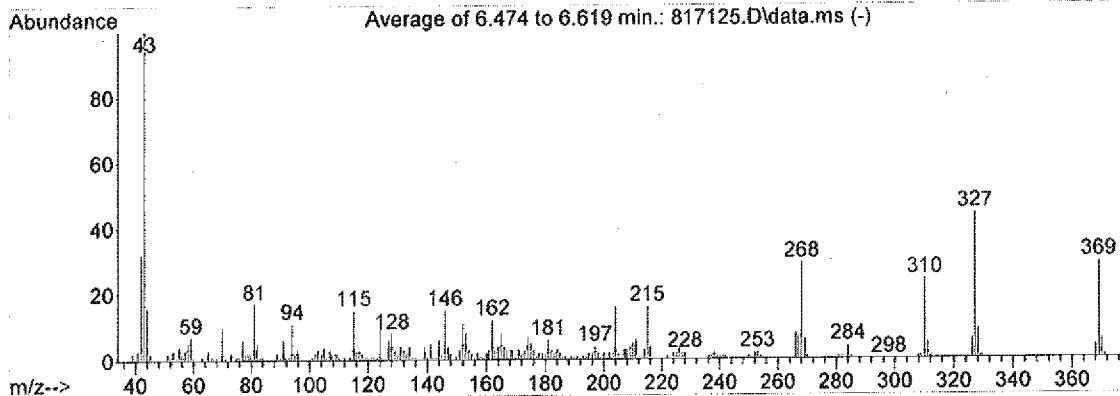


## Information from Data File:

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Operator : KAC  
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Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 25  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

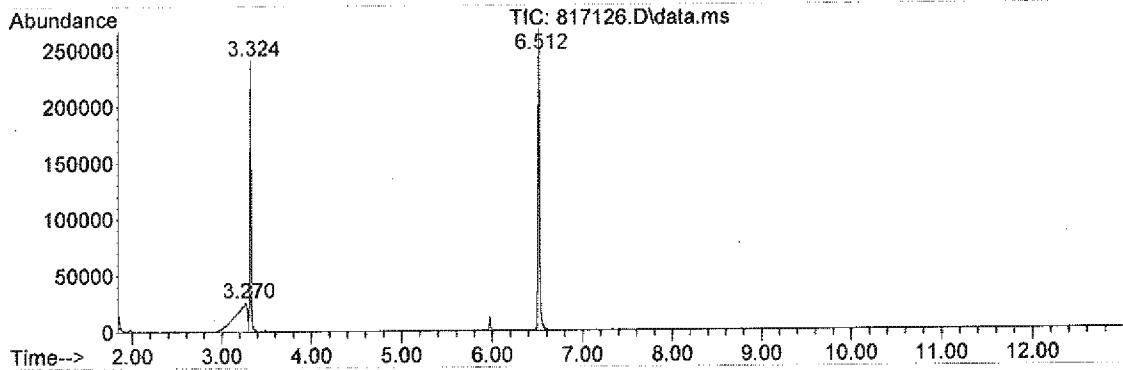
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C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.52	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817126.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:06  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 26  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



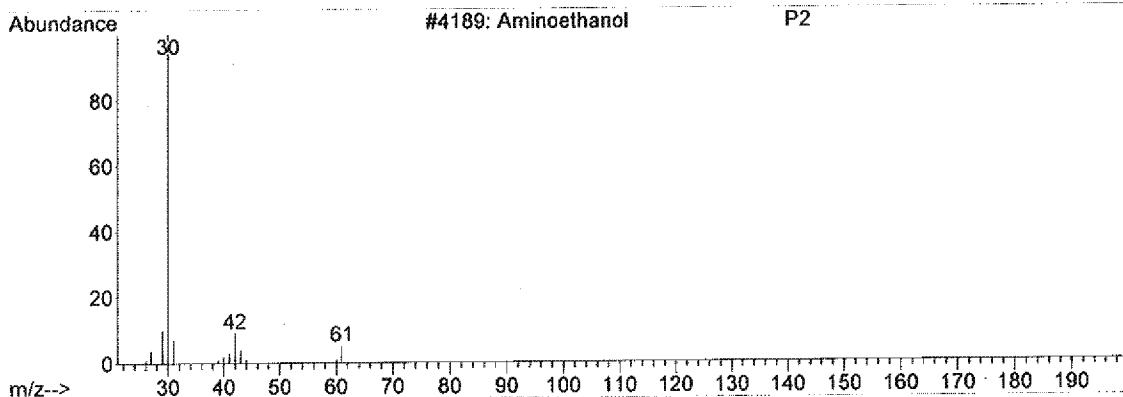
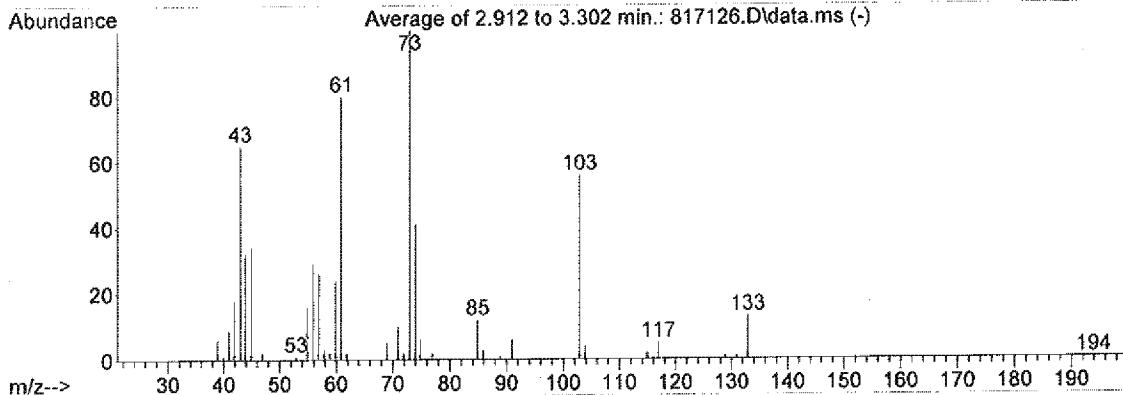
Ret. Time	Area	Area %	Ratio %
3.270	255583	31.28	74.54
3.324	218696	26.76	63.78
6.512	342869	41.96	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817126.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:06  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 26  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.27	C:\Database\PMW_TOX2.L		
		Aminoethanol	000141-43-5	3
		2-Methyl-1-propanol (isobutanol)	000078-83-1	3
		Methylacetate	@ 000079-20-9	3

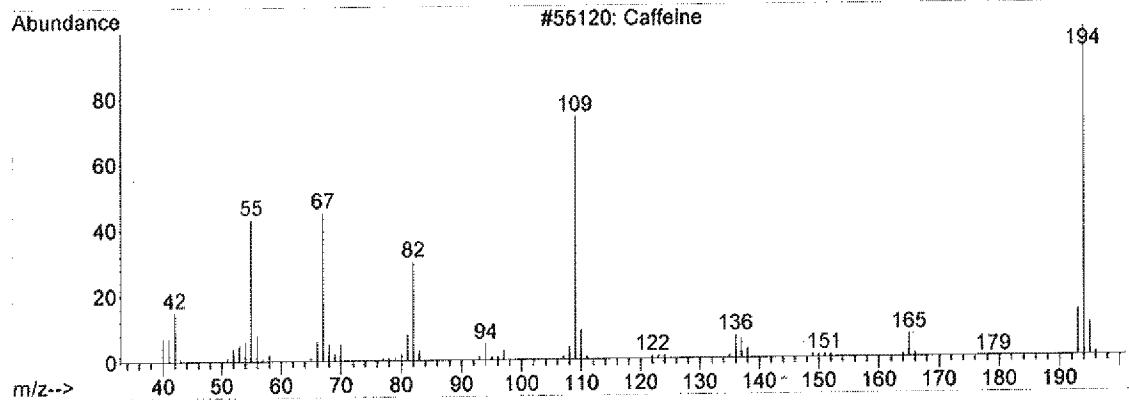
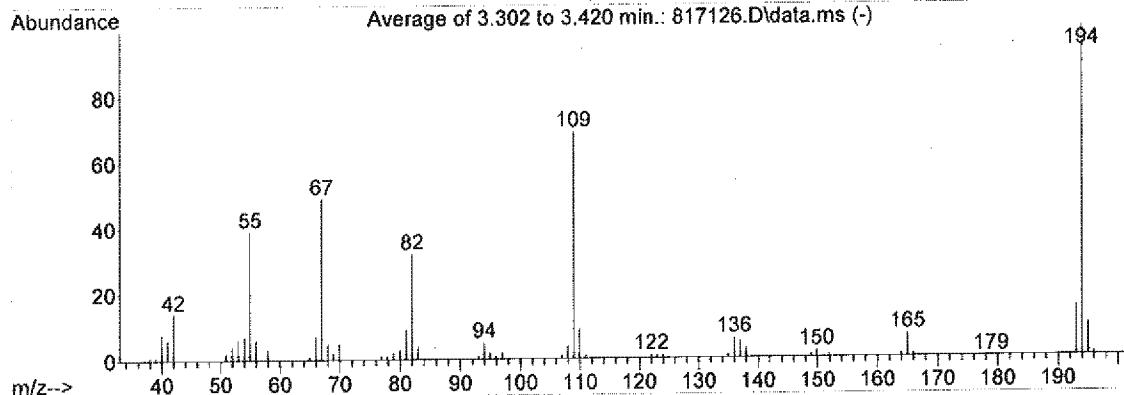


## Information from Data File:

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Operator : KAC  
Date Acquired : 15 Feb 2012 21:06  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 26  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

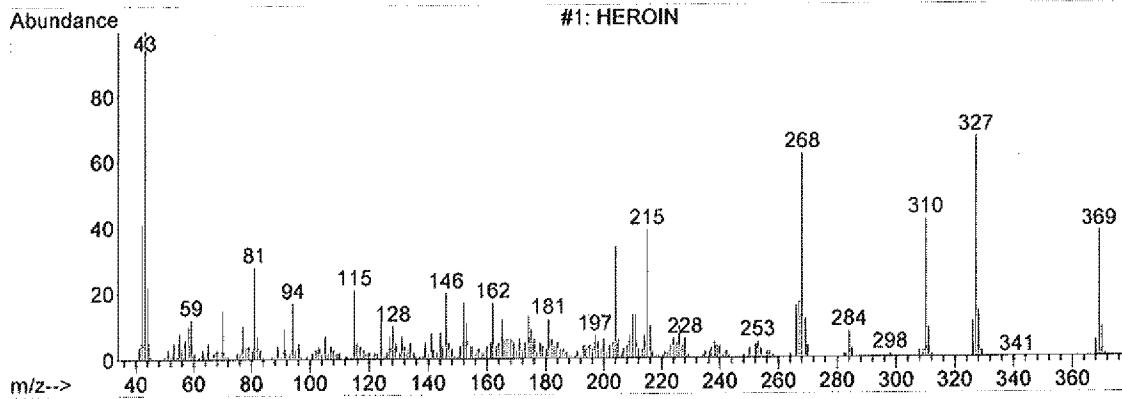
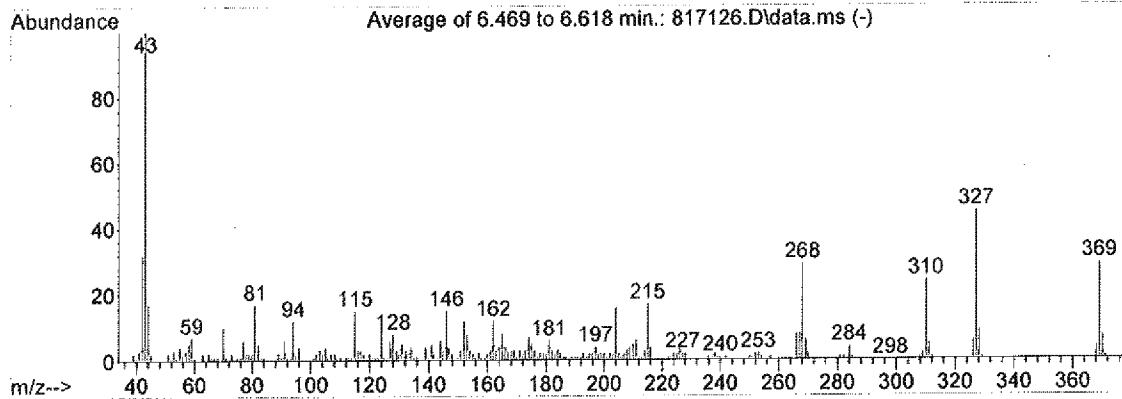


## Information from Data File:

File Name : K:\02\_15\_12\817126.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:06  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 26  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

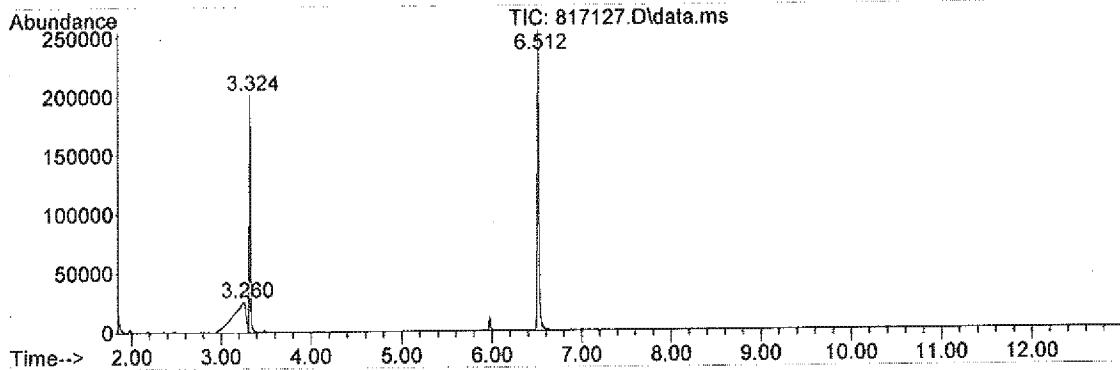
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C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817127.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:22  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 27  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



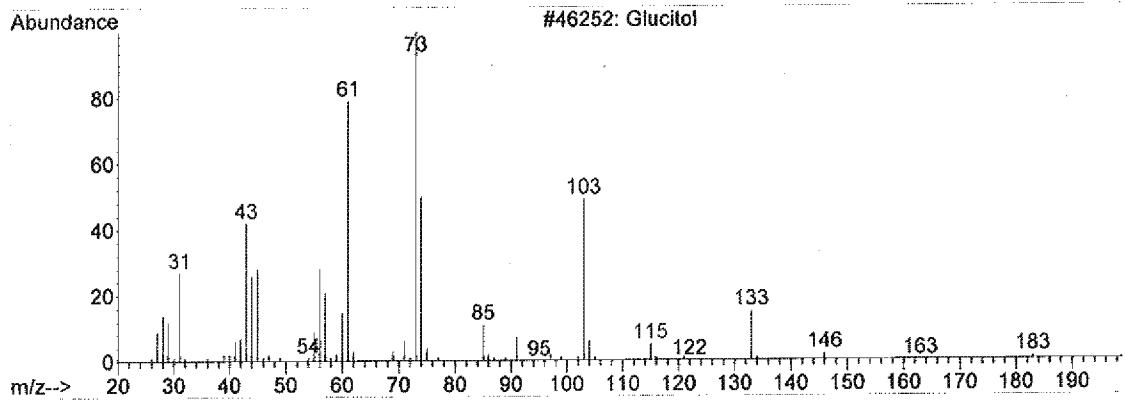
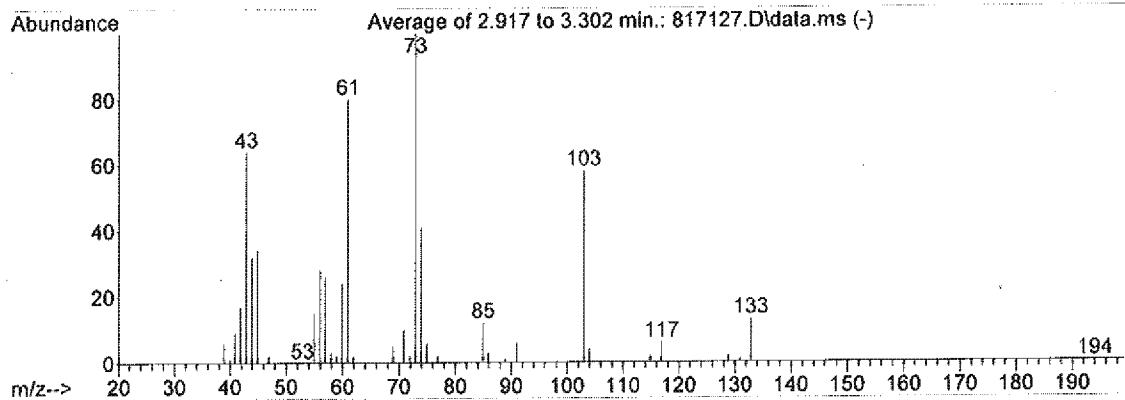
Ret. Time	Area	Area %	Ratio %
3.260	263500	33.72	80.41
3.324	190361	24.36	58.09
6.512	327683	41.93	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817127.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:22  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 27  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\NIST08.L		
		Glucitol	026566-34-7	90
		Sorbitol	000050-70-4	86
		D-Mannitol	000069-65-8	78

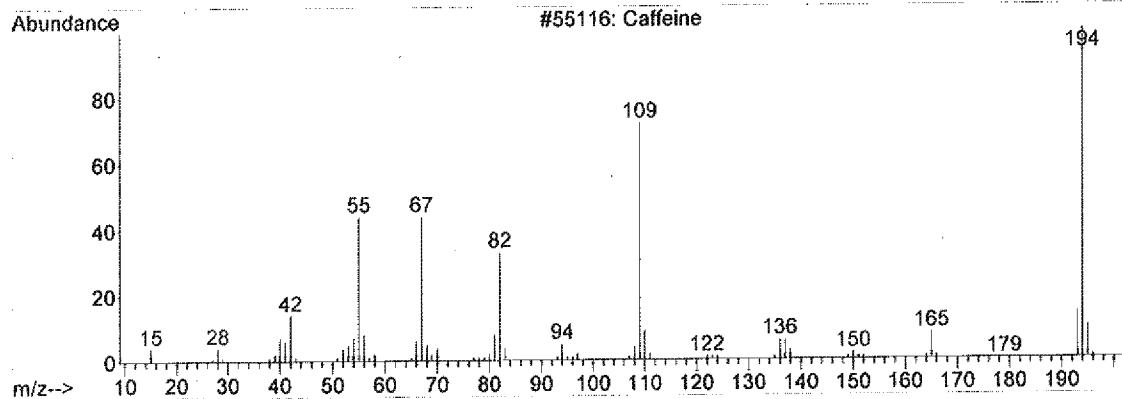
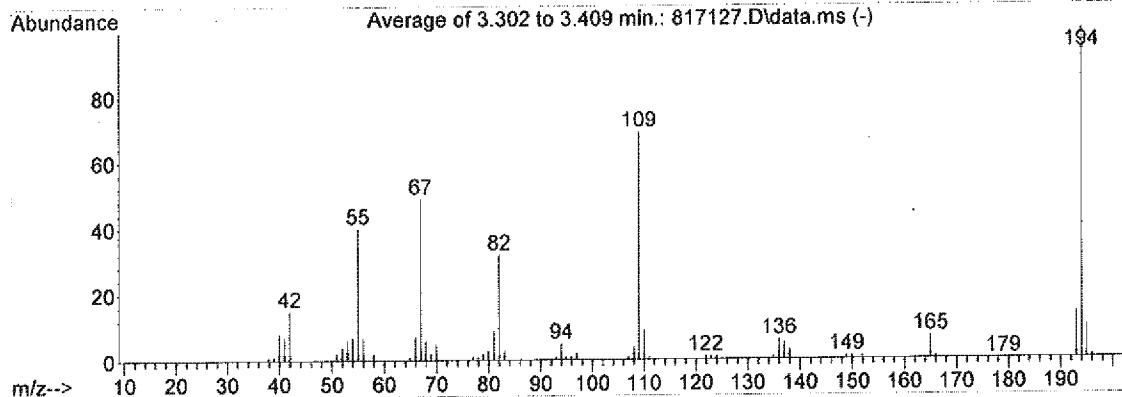


## Information from Data File:

File Name : K:\02\_15\_12\817127.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:22  
Sample Name : XXXXXXXXXX  
Submitted by : DAF  
Vial Number : 27  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

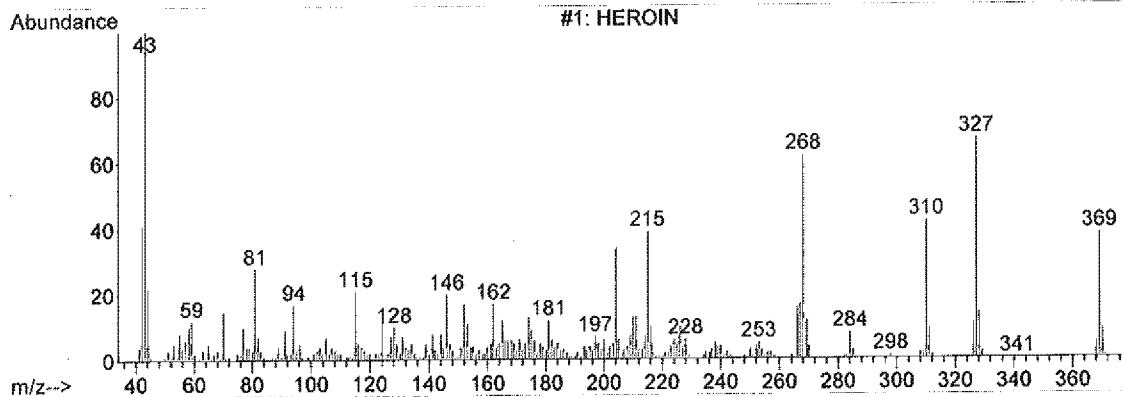
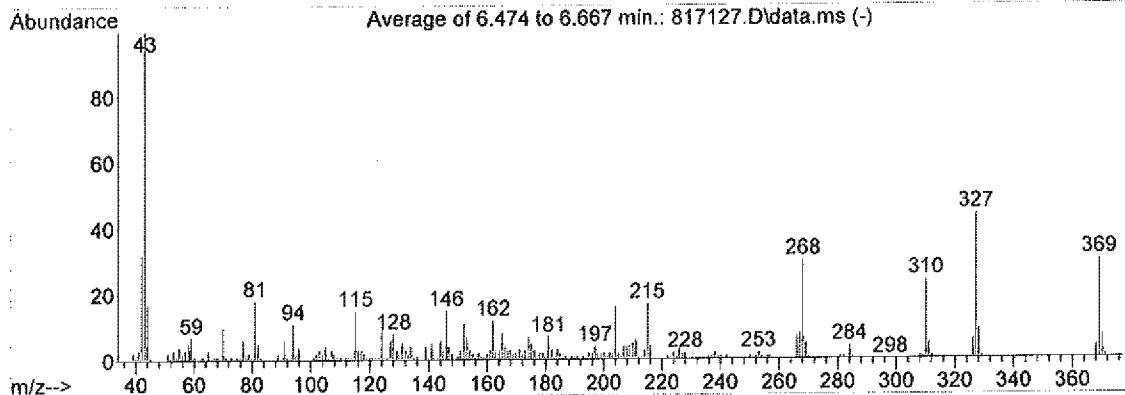


## Information from Data File:

File Name : K:\02\_15\_12\817127.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:22  
Sample Name : XXXXXXXXXX  
Submitted by : XXXXXXXXXX  
Vial Number : 27  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

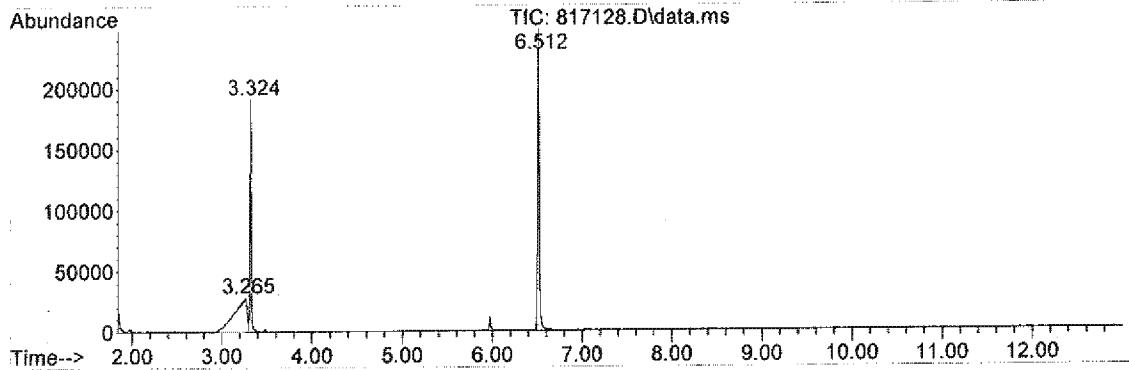
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817128.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:37  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 28  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



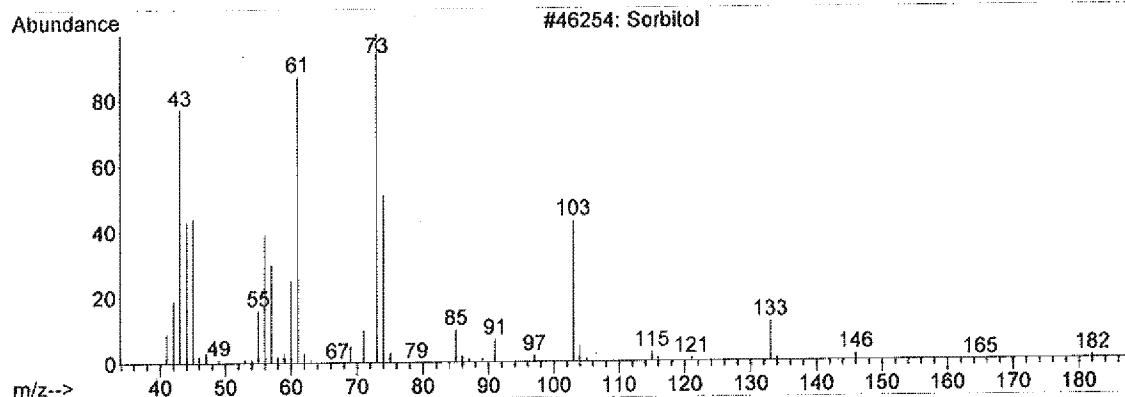
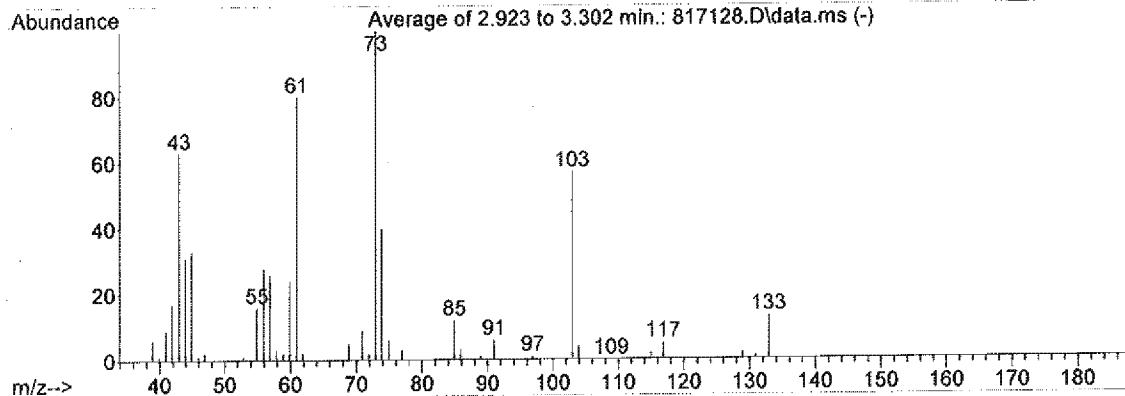
Ret. Time	Area	Area %	Ratio %
3.265	283674	36.69	91.17
3.324	178412	23.07	57.34
6.512	311153	40.24	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817128.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:37  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 28  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		Glucitol	026566-34-7	83
		Sorbitol	000050-70-4	78

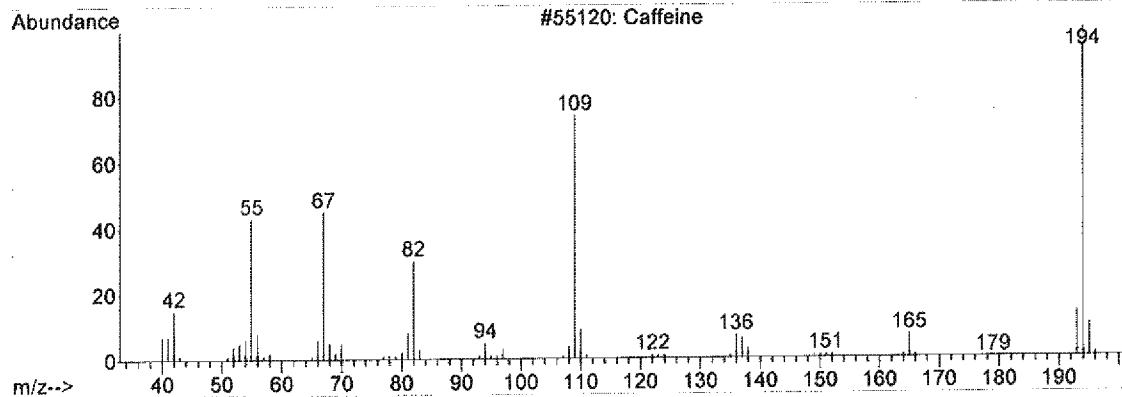
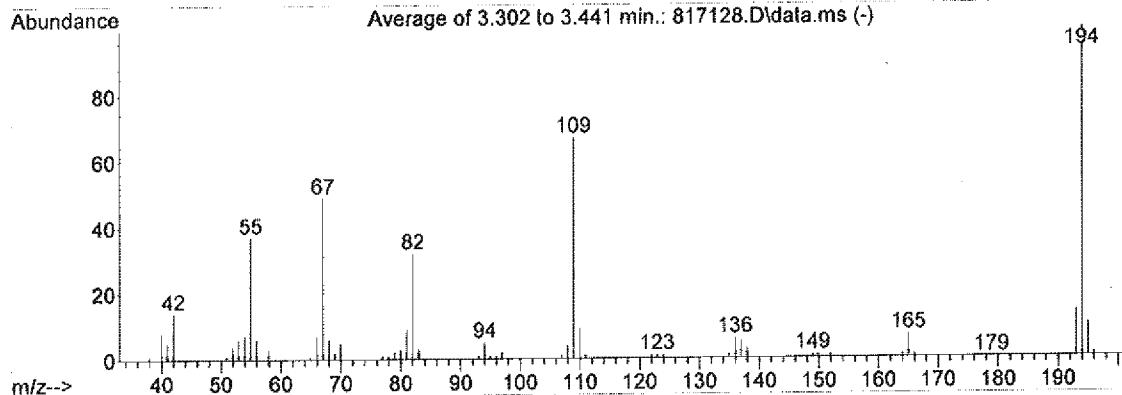


## Information from Data File:

File Name : K:\02\_15\_12\817128.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:37  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 28  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

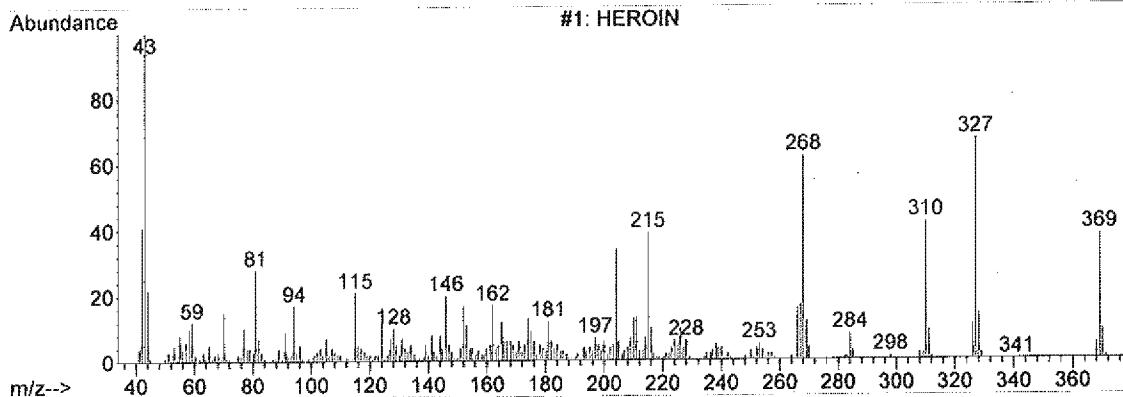
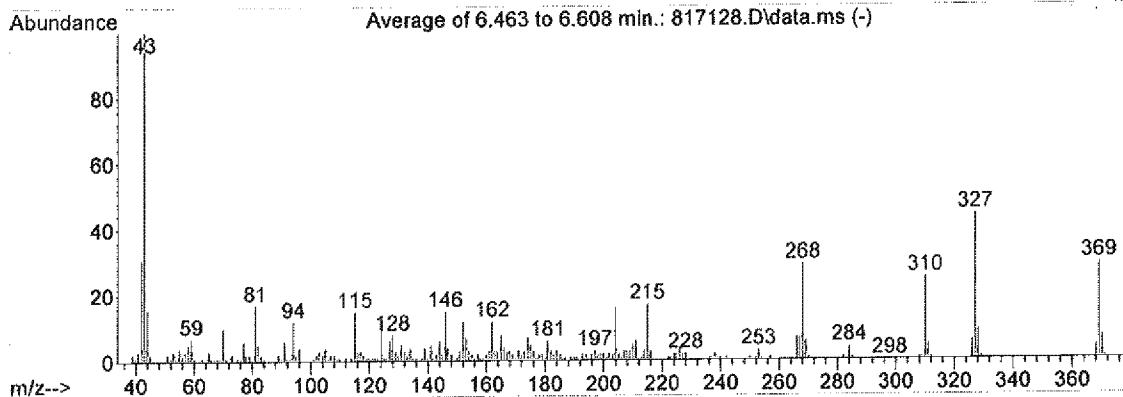


## Information from Data File:

File Name : K:\02\_15\_12\817128.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:37  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 28  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

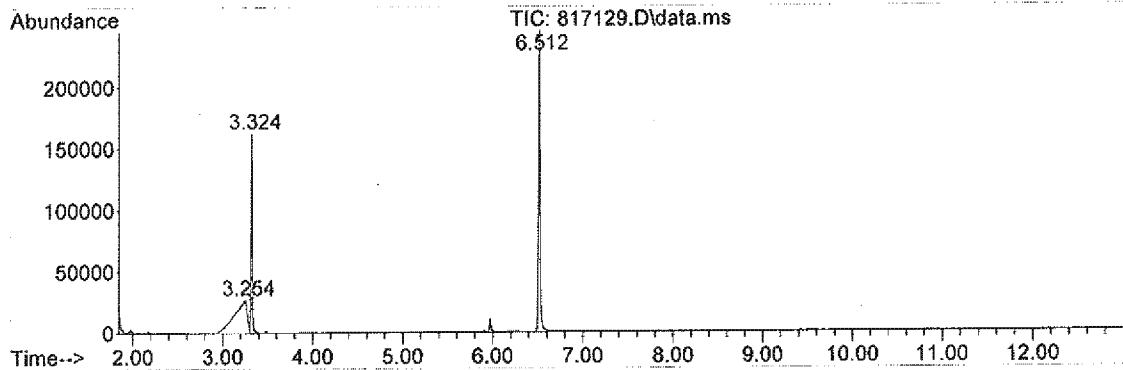
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817129.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:52  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 29  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



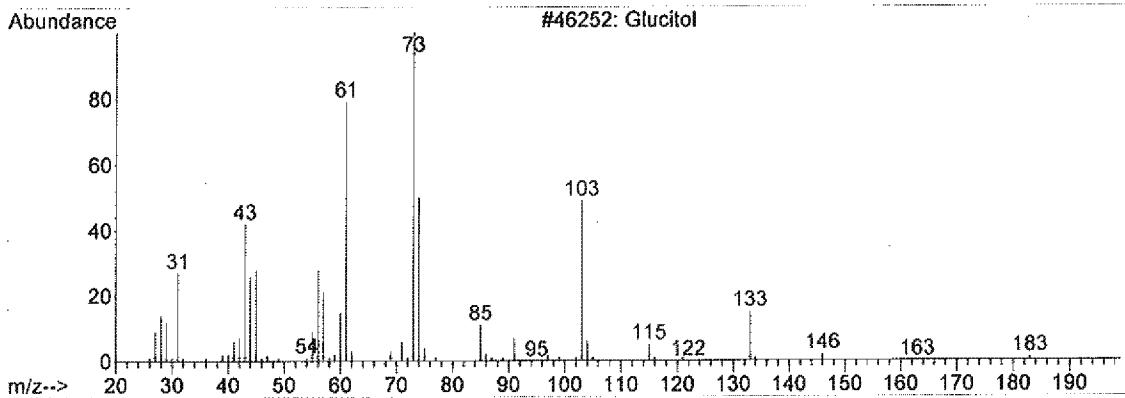
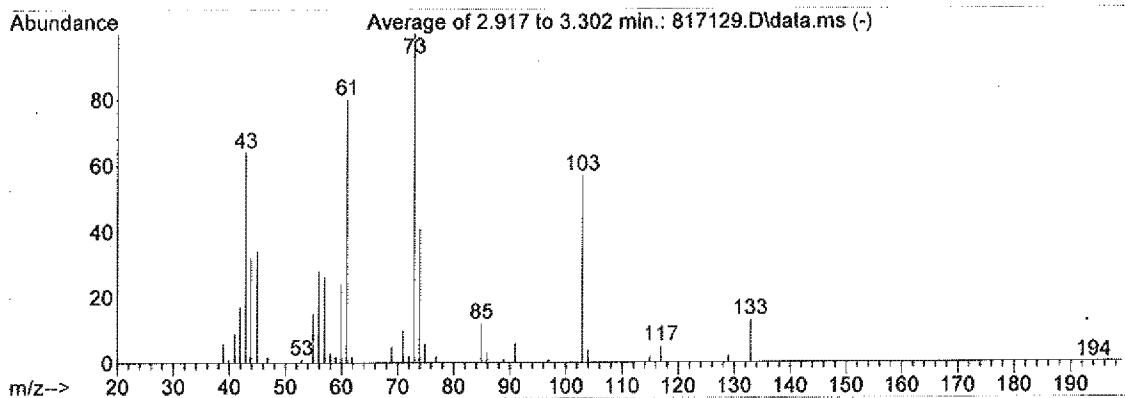
Ret. Time	Area	Area %	Ratio %
3.254	275238	36.44	86.48
3.324	161823	21.42	50.85
6.512	318255	42.14	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817129.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:52  
Sample Name : XXXXXXXXXX  
Submitted by : LXR  
Vial Number : 29  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L		
		Glucitol	026566-34-7	90
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	86

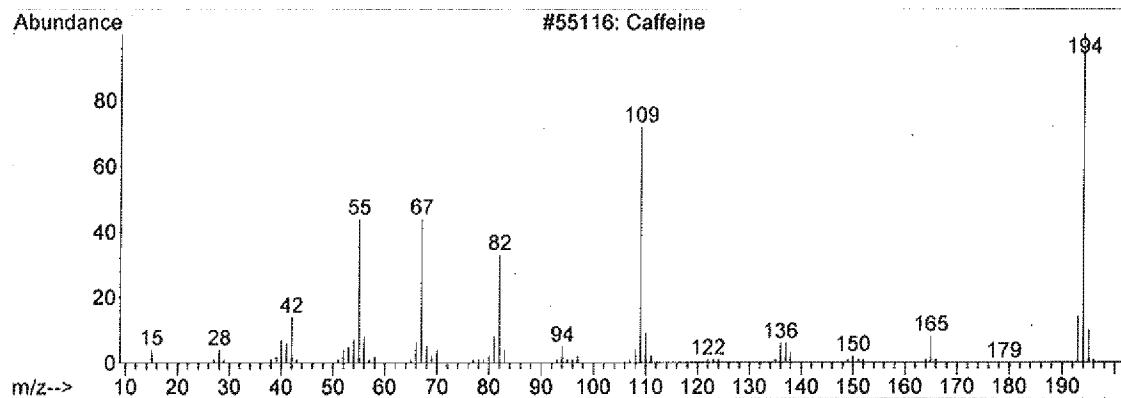
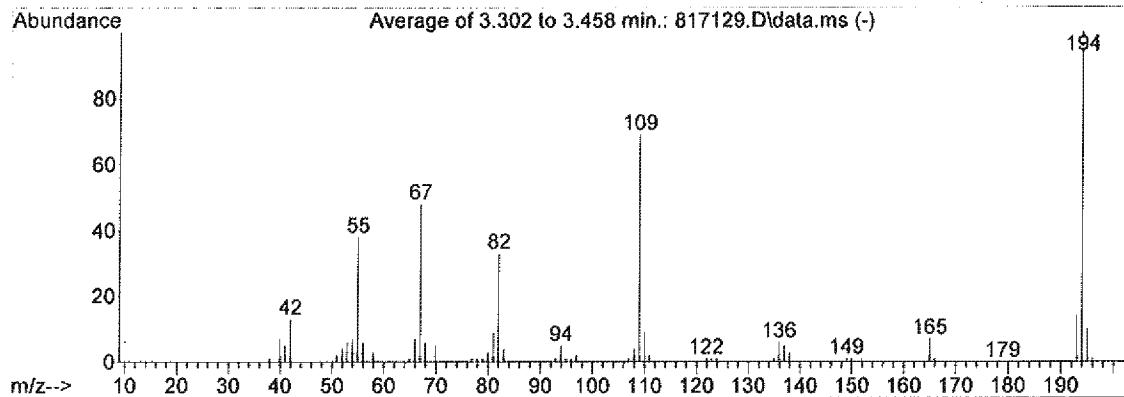


## Information from Data File:

File Name : K:\02\_15\_12\817129.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:52  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 29  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

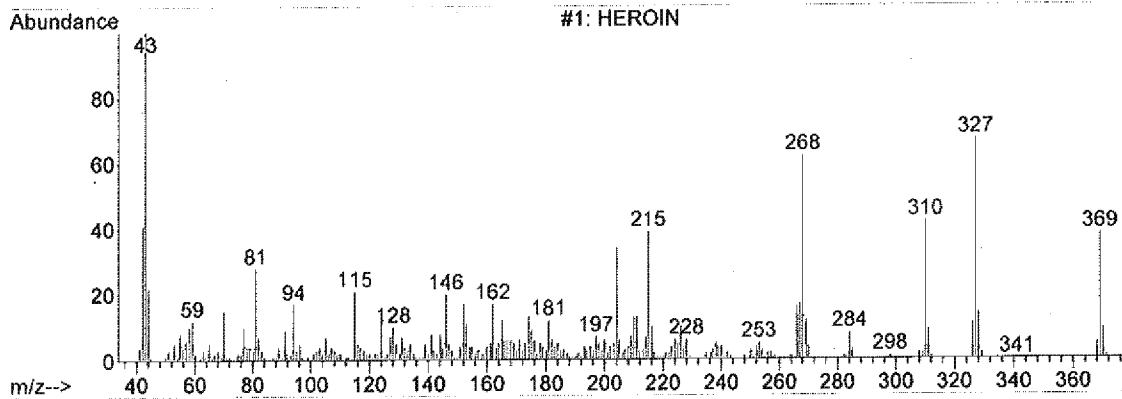
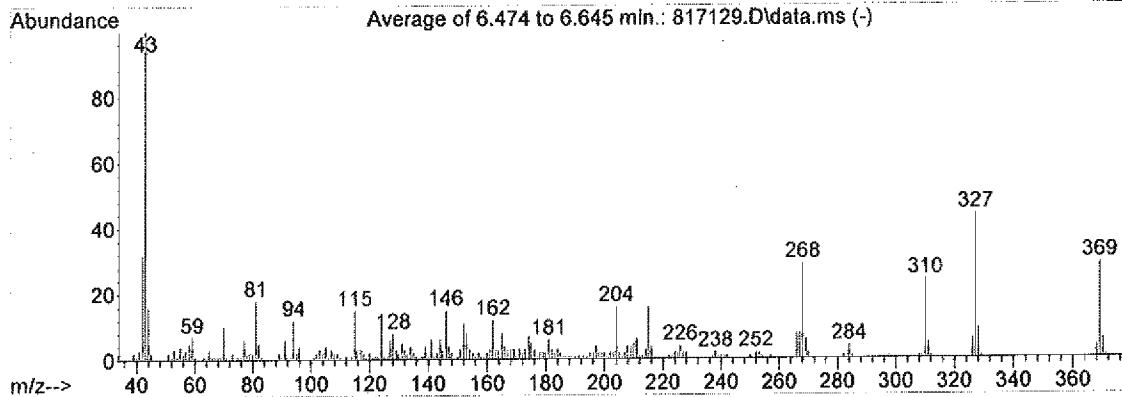


## Information from Data File:

File Name : K:\02\_15\_12\817129.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 21:52  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 29  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

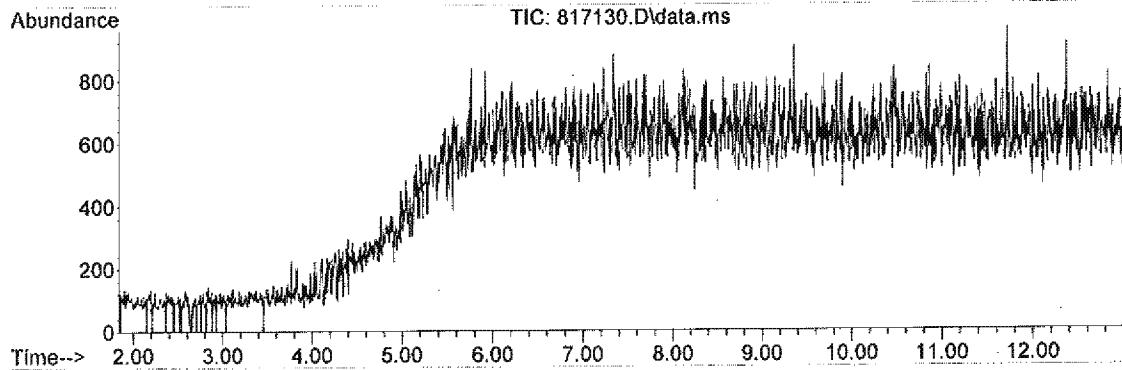
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817130.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:08  
Sample Name : BLANK  
Submitted by : DXF  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

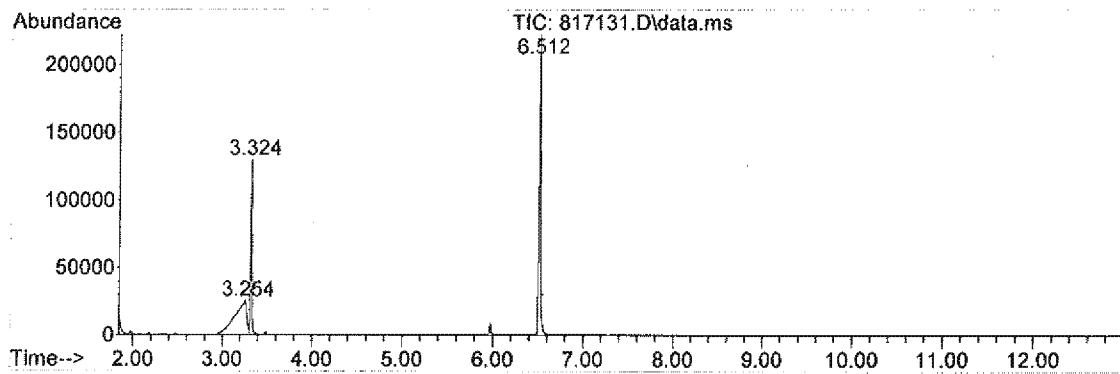


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\817131.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:23  
Sample Name : XXXXXXXXXX  
Submitted by : DAF  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



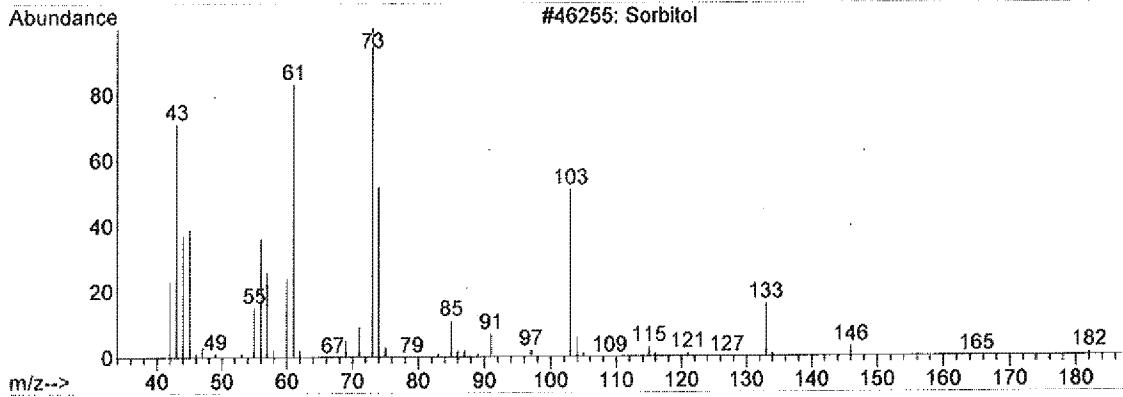
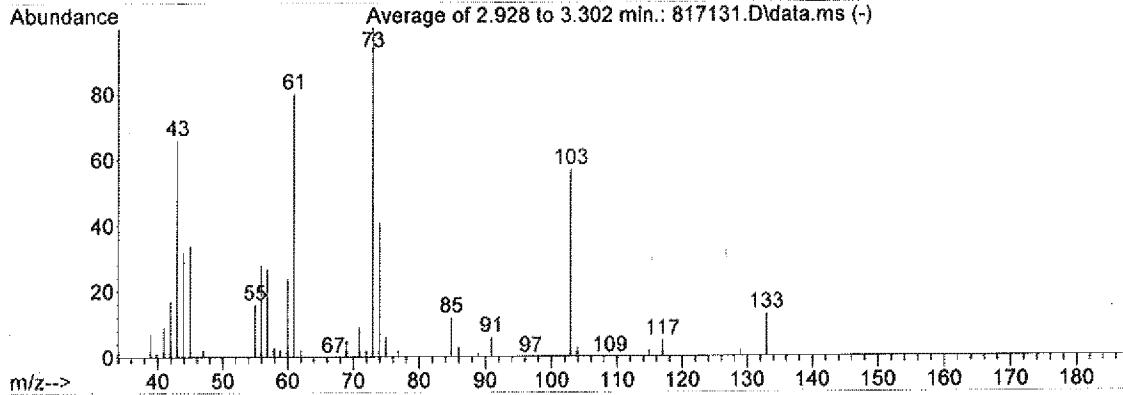
Ret. Time	Area	Area %	Ratio %
3.254	242116	36.56	83.47
3.324	130078	19.64	44.85
6.512	290059	43.80	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817131.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:23  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	91
		Glucitol	026566-34-7	90
		Sorbitol	000050-70-4	78

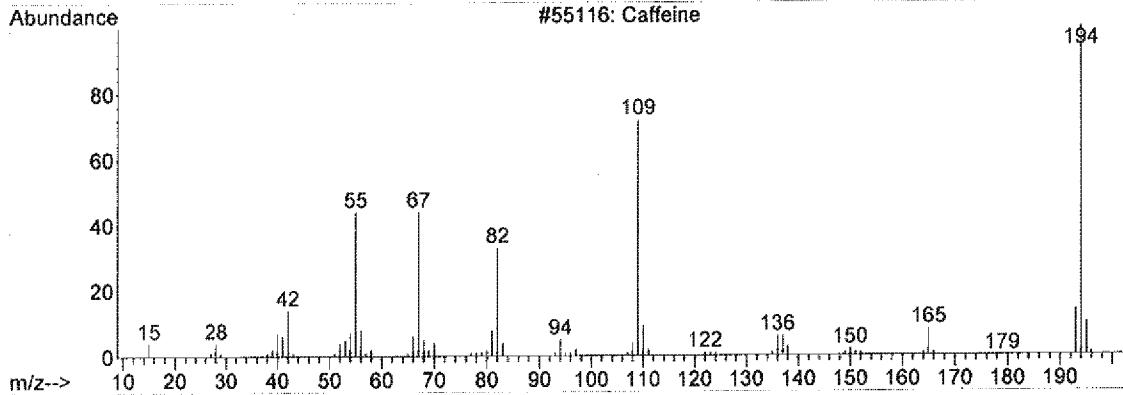
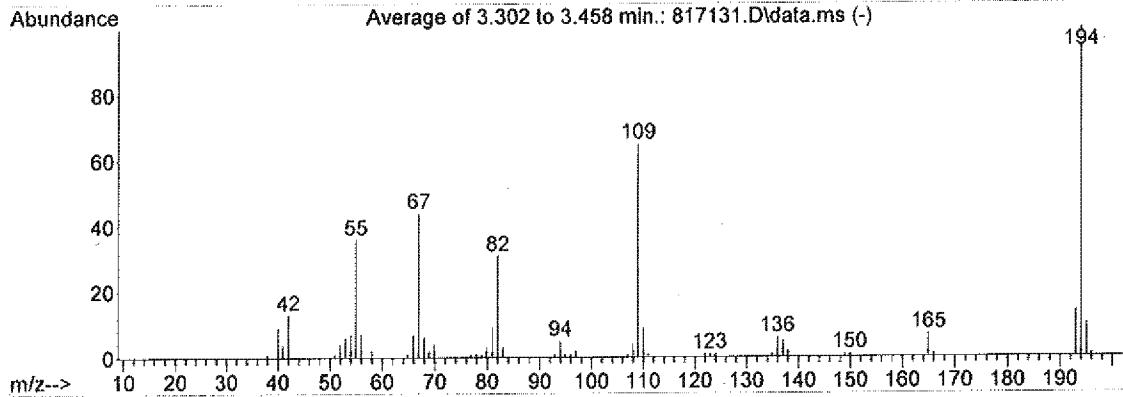


## Information from Data File:

File Name : K:\02\_15\_12\817131.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:23  
Sample Name : XXXXXXXXXX  
Submitted by : DAF  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

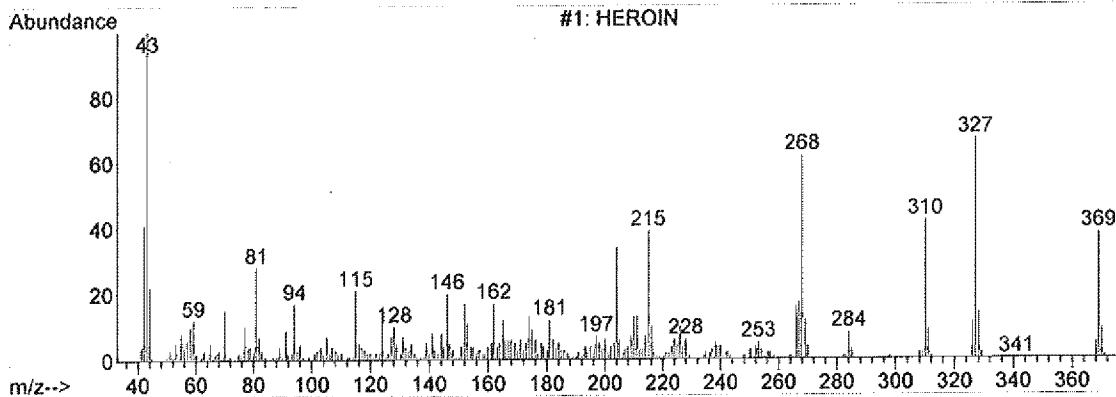
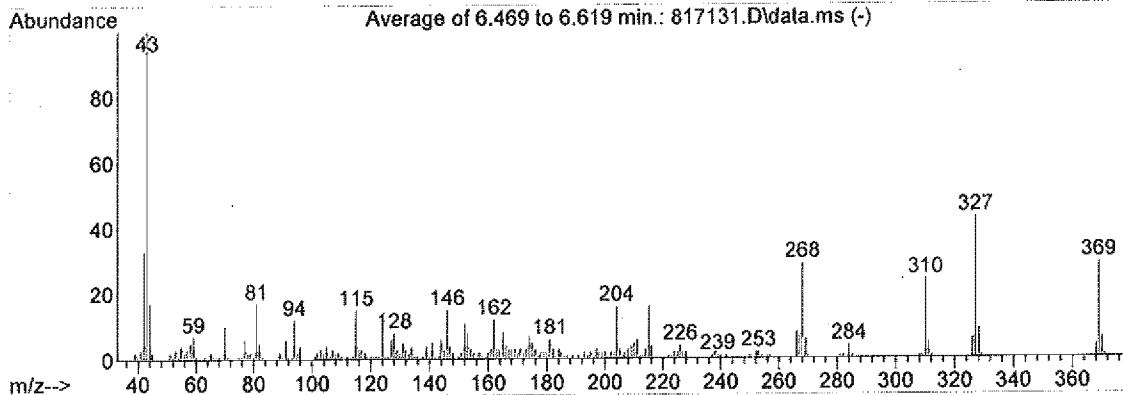


## Information from Data File:

File Name : K:\02\_15\_12\817131.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:23  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 31  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

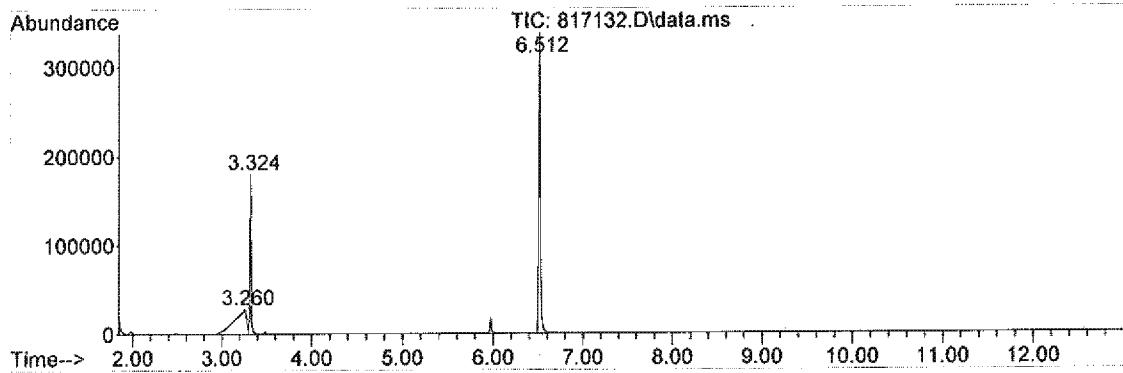
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817132.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:39  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 32  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



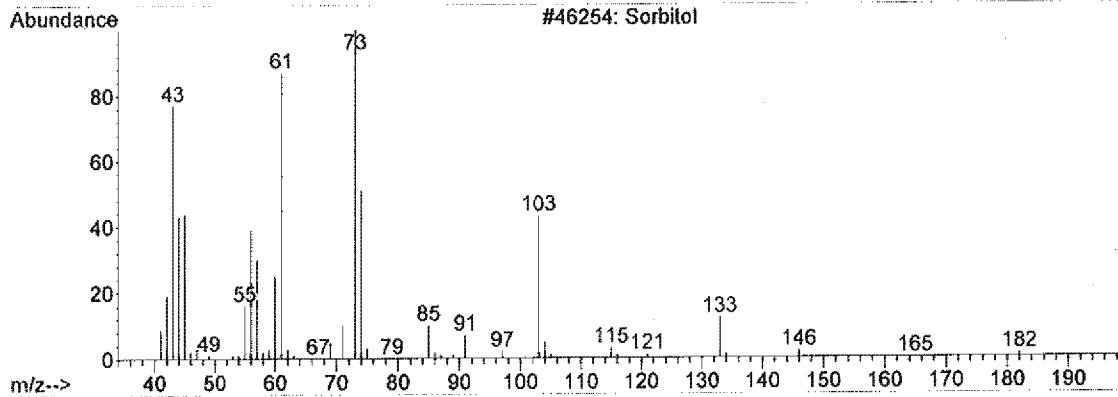
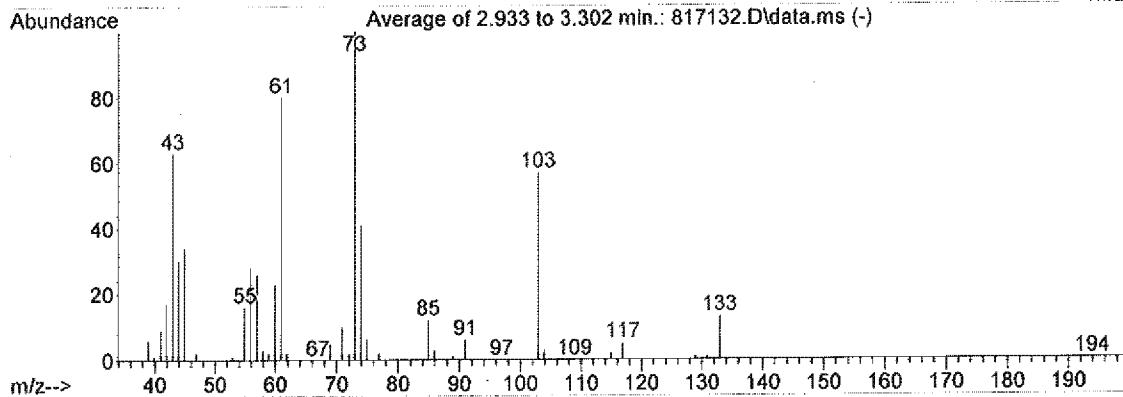
Ret. Time	Area	Area %	Ratio %
3.260	274462	30.28	59.50
3.324	170725	18.83	37.01
6.512	461257	50.89	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817132.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:39  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 32  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		D-Mannitol	000069-65-8	83
		D-Mannitol	000069-65-8	78

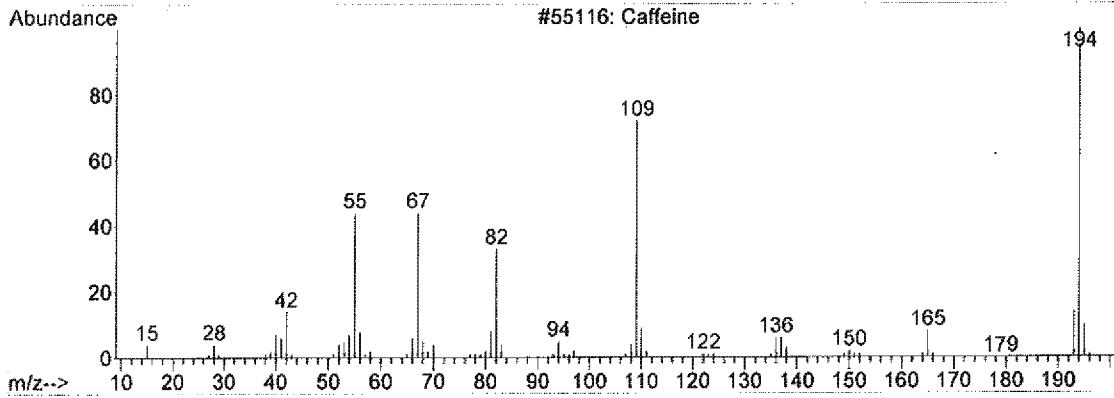
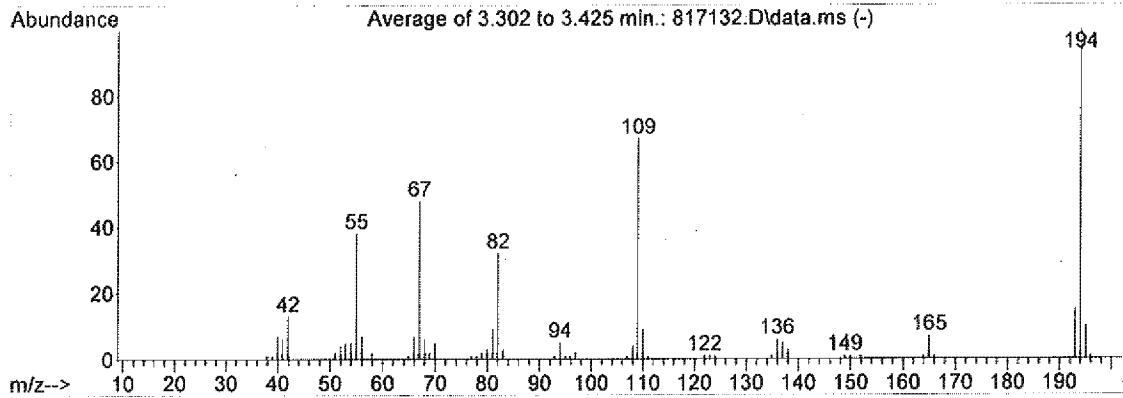


## Information from Data File:

File Name : K:\02\_15\_12\817132.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:39  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 32  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

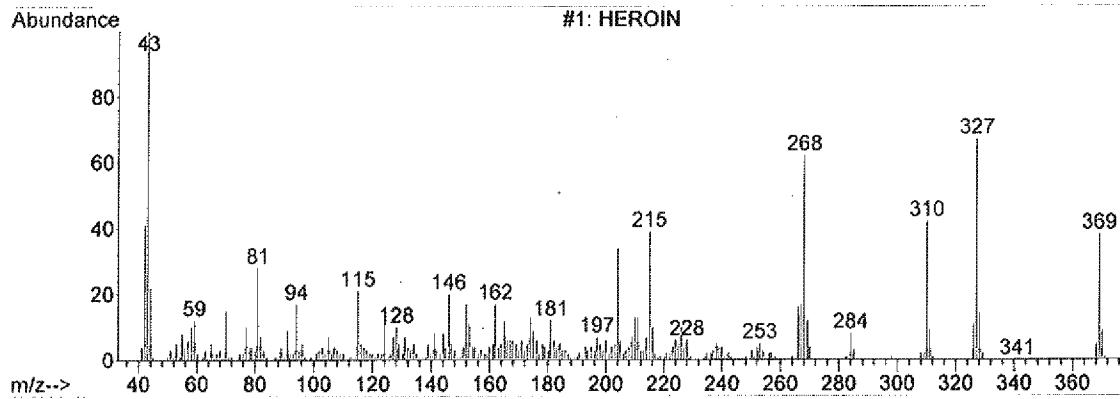
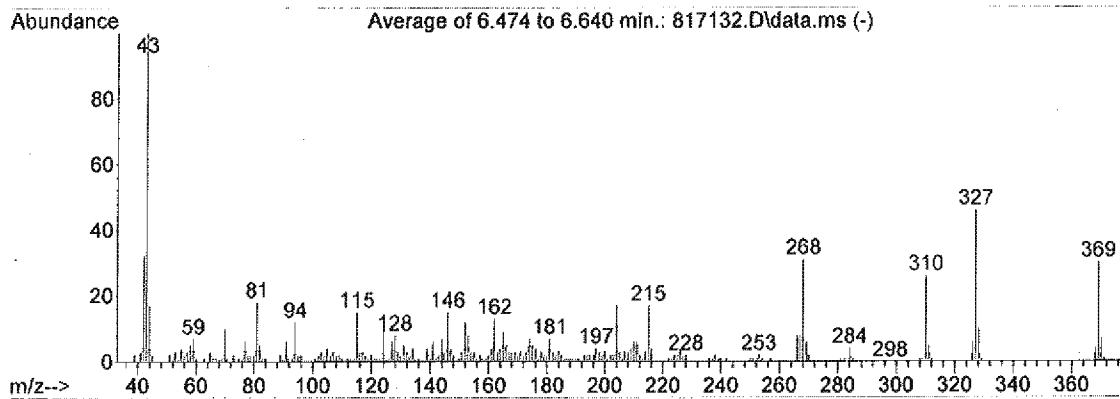


## Information from Data File:

File Name : K:\02\_15\_12\817132.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:39  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 32  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

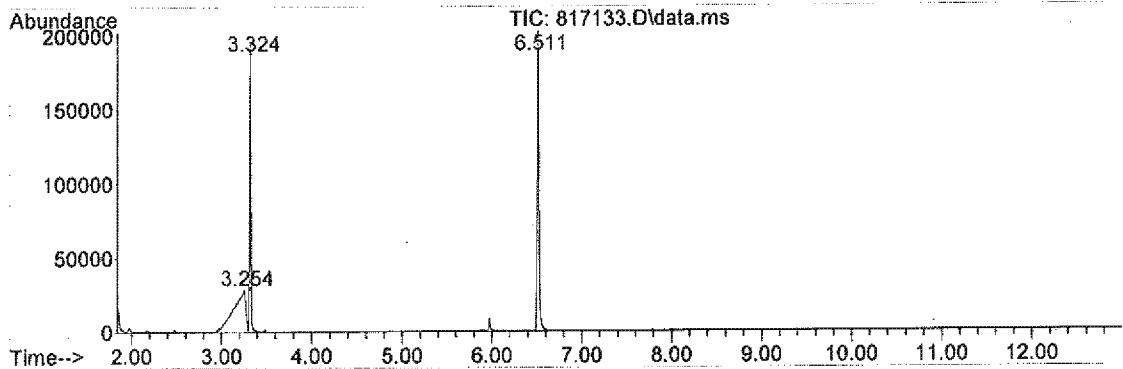
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	98



## Information from Data File:

File Name : K:\02\_15\_12\817133.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:54  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 33  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



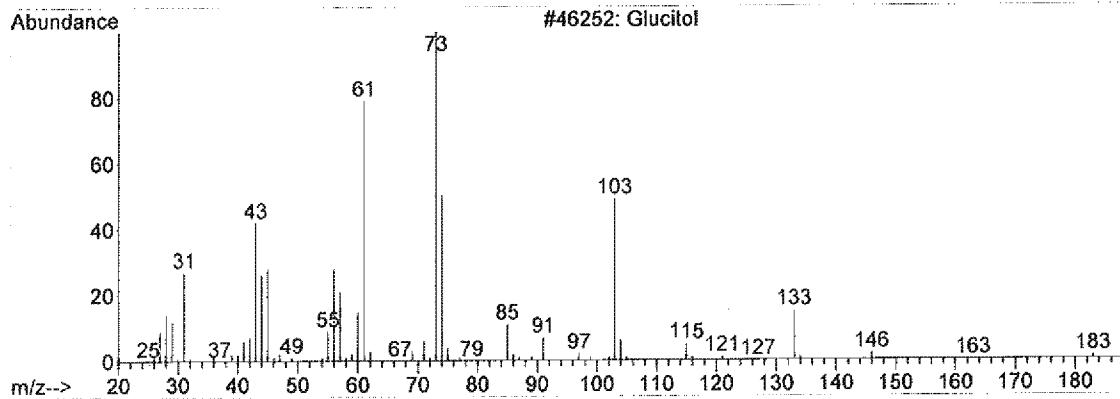
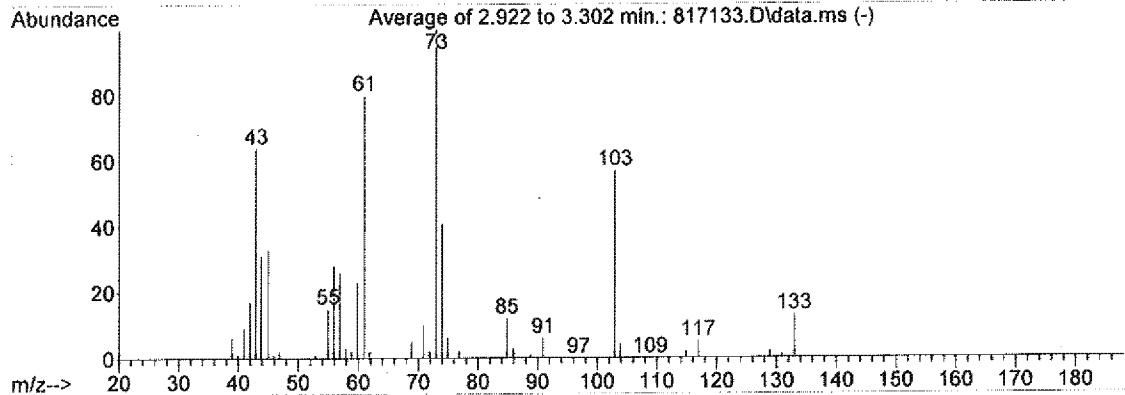
Ret. Time	Area	Area %	Ratio %
3.254	280008	38.37	100.00
3.324	180511	24.74	64.47
6.511	269171	36.89	96.13

## Information from Data File:

File Name : K:\02\_15\_12\817133.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:54  
Sample Name : XXXXXXXXXX  
Submitted by : DAF  
Vial Number : 33  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L		
		Glucitol	026566-34-7	90
		Sorbitol	000050-70-4	86
		D-Mannitol	000069-65-8	83

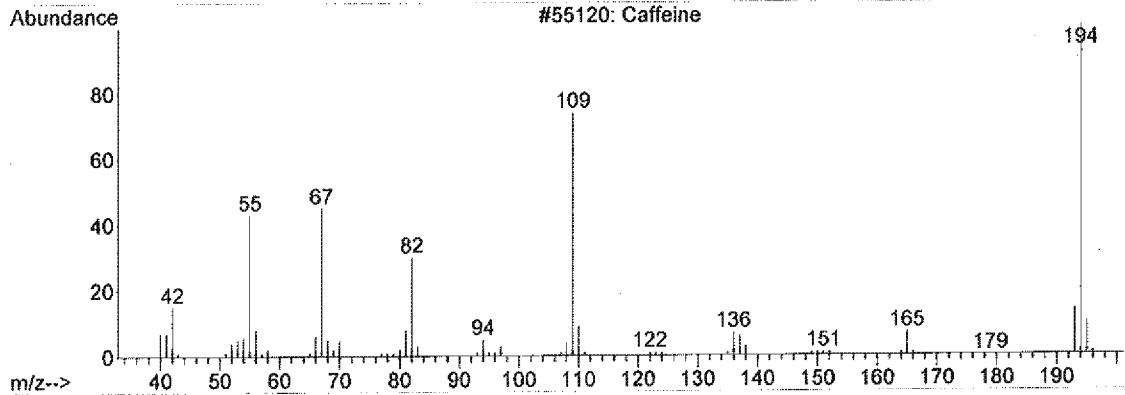
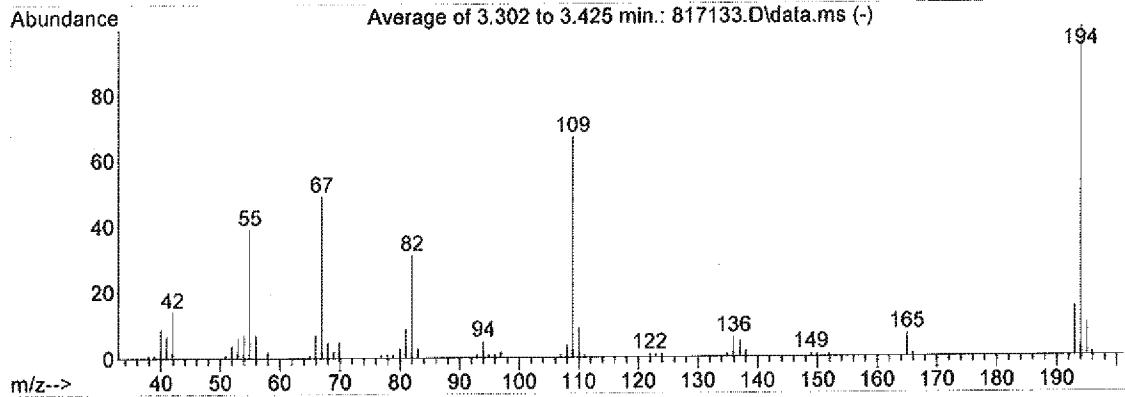


## Information from Data File:

File Name : K:\02\_15\_12\817133.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:54  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 33  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

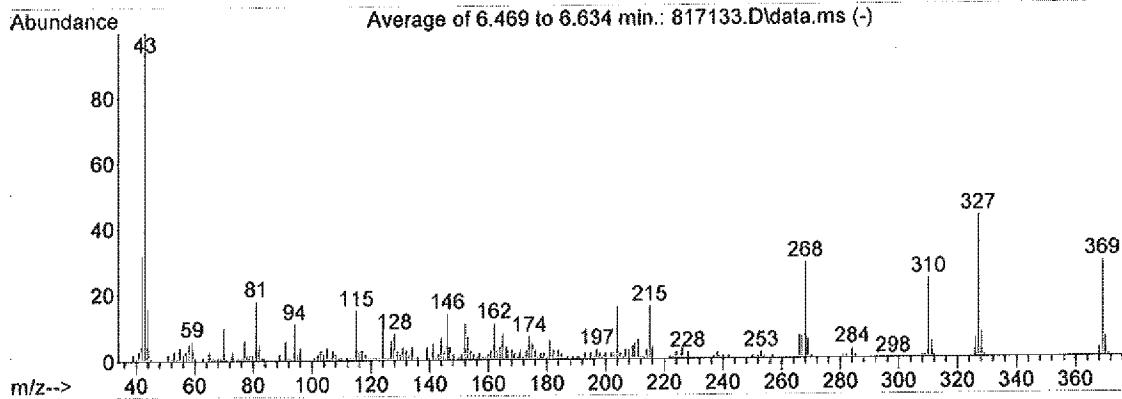


## Information from Data File:

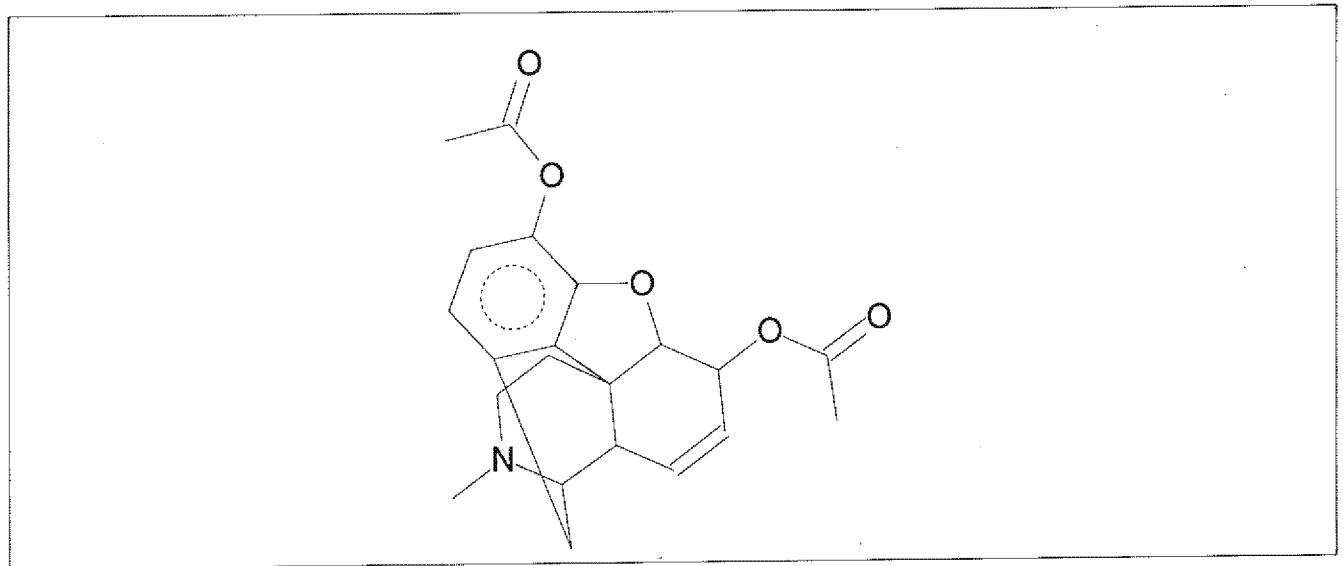
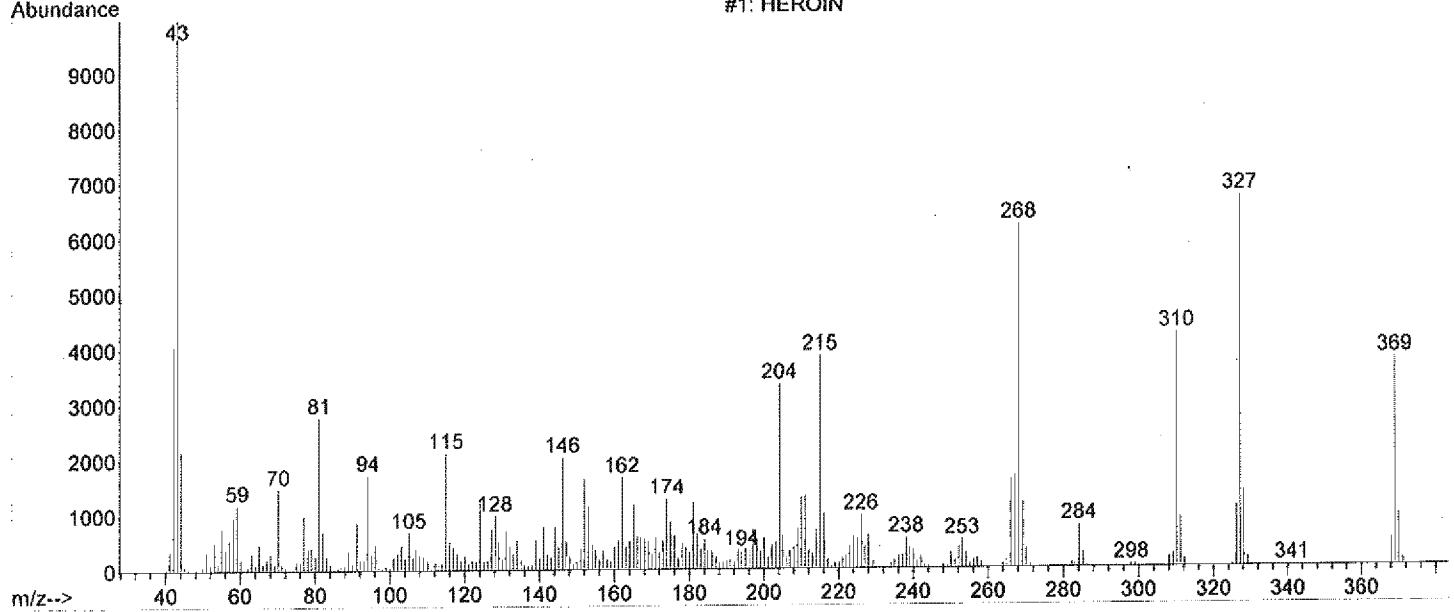
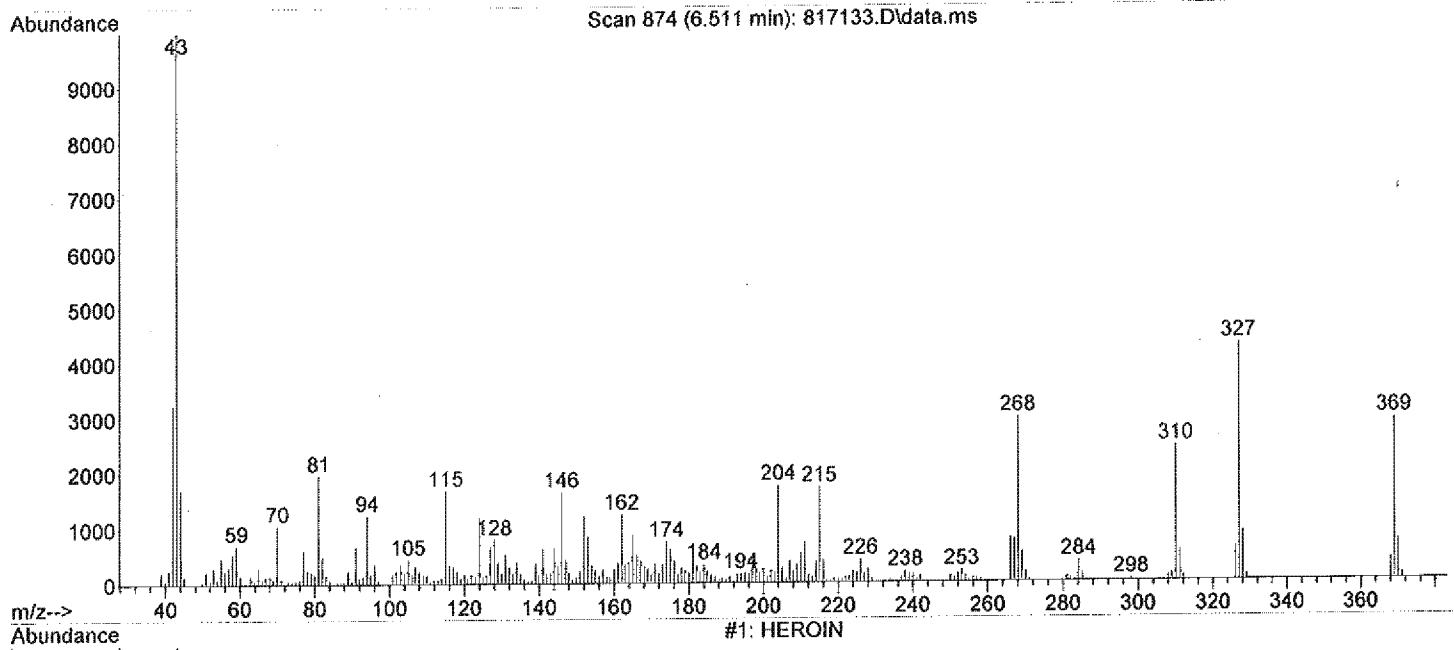
File Name : K:\02\_15\_12\817133.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 22:54  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 33  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
No Hits Found				

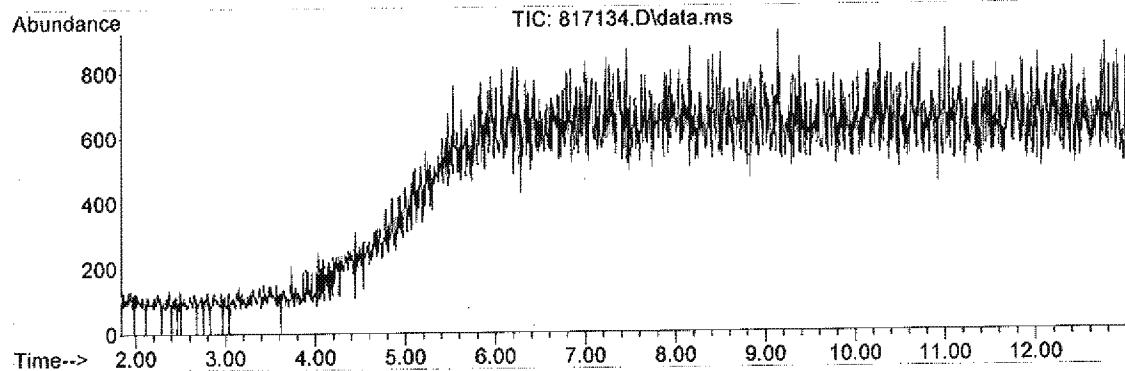


Library Searched : C:\Database\SLI.L  
Quality : 99  
ID : HEROIN



## Information from Data File:

File Name : K:\02\_15\_12\817134.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:10  
Sample Name : BLANK  
Submitted by : DXF  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

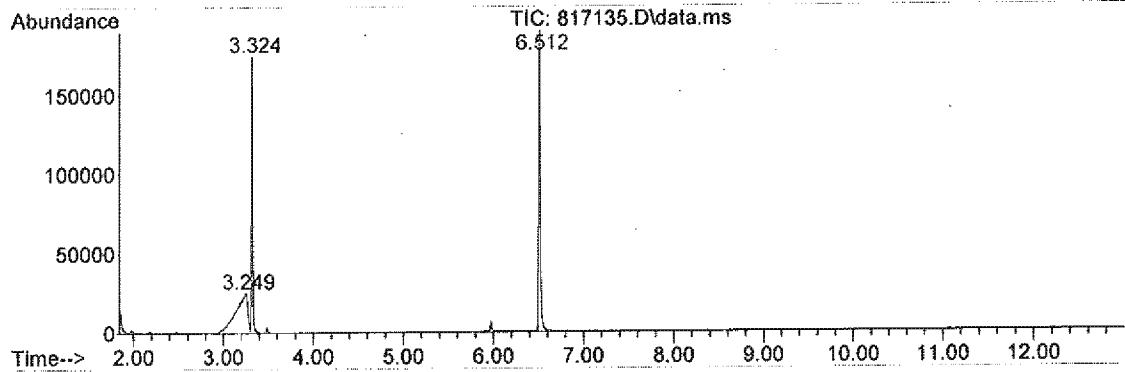


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\817135.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:25  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 35  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



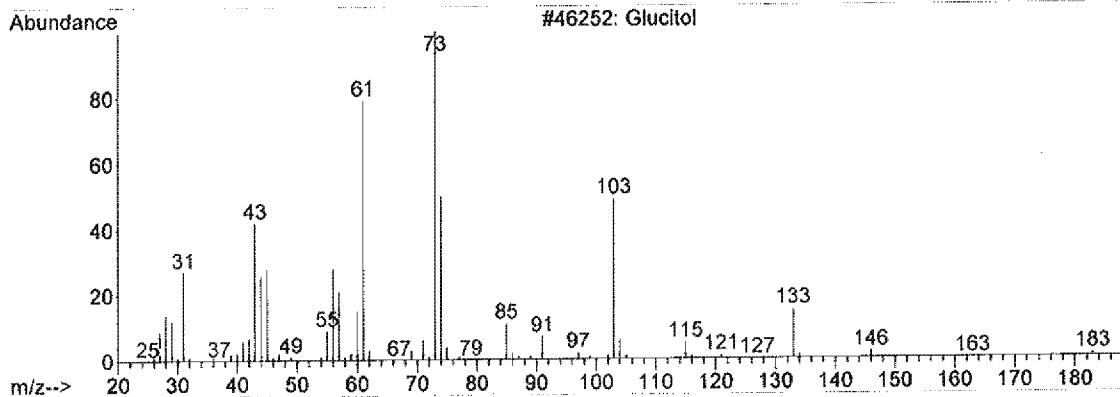
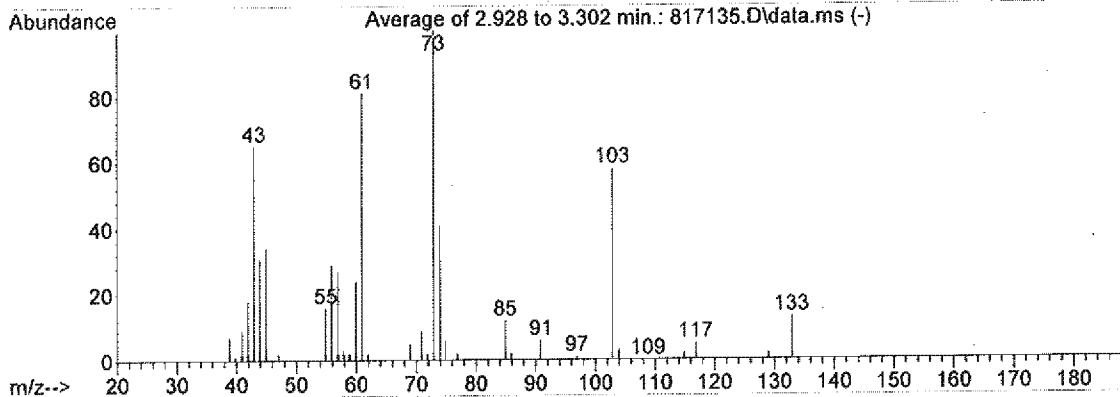
Ret. Time	Area	Area %	Ratio %
3.249	241749	37.24	97.07
3.324	158291	24.39	63.56
6.512	249055	38.37	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817135.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:25  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 35  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L		
		Glucitol	026566-34-7	90
		Sorbitol	000050-70-4	86
		D-Mannitol	000069-65-8	64

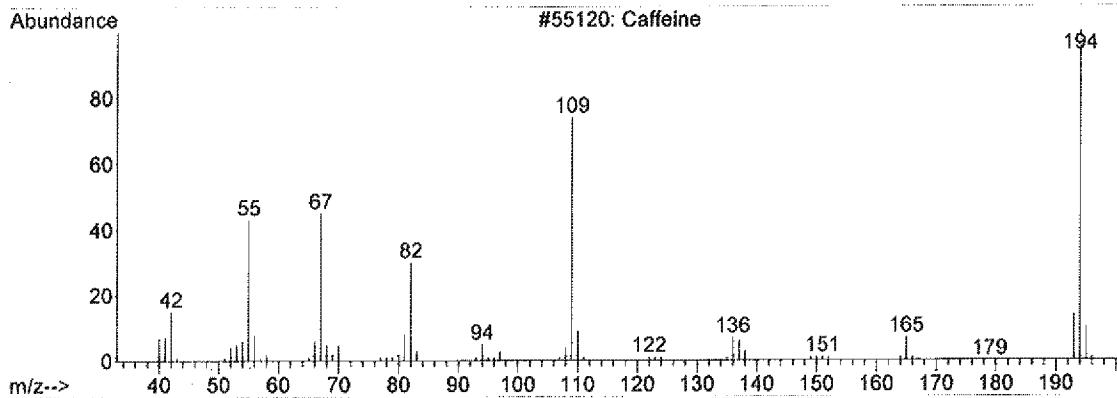
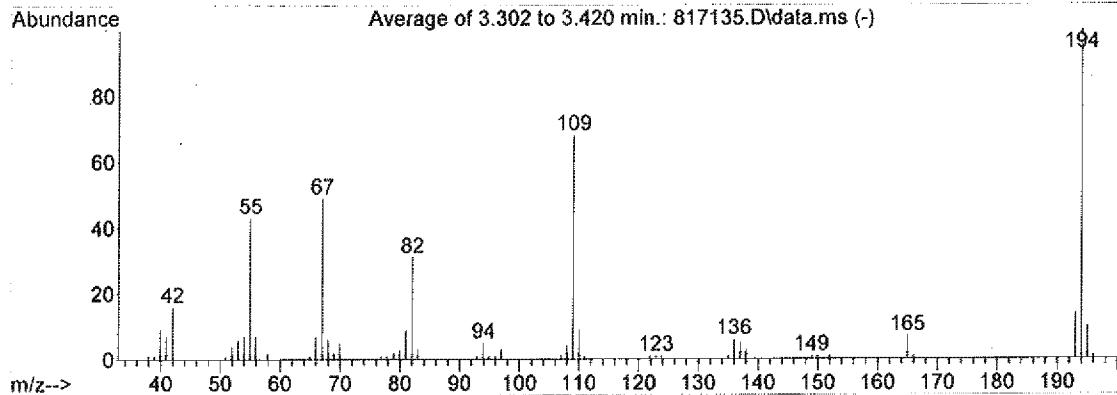


## Information from Data File:

File Name : K:\02\_15\_12\817135.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:25  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 35  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	96

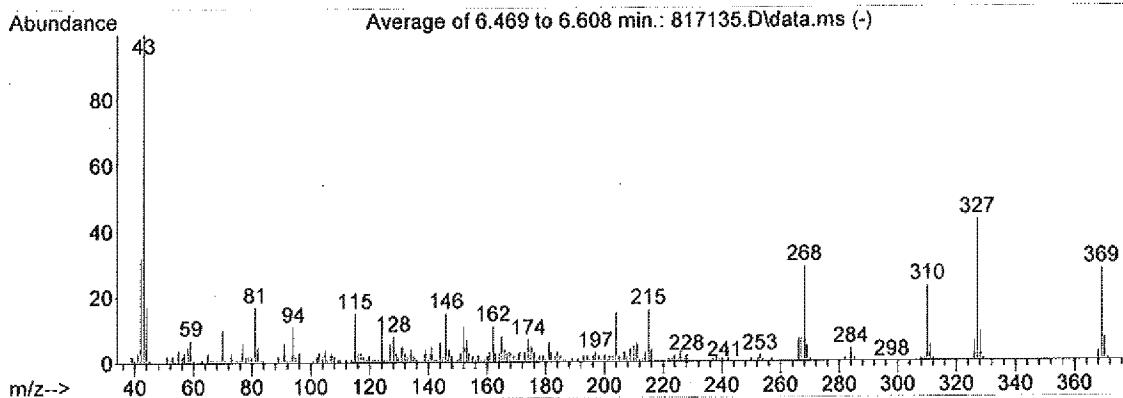


## Information from Data File:

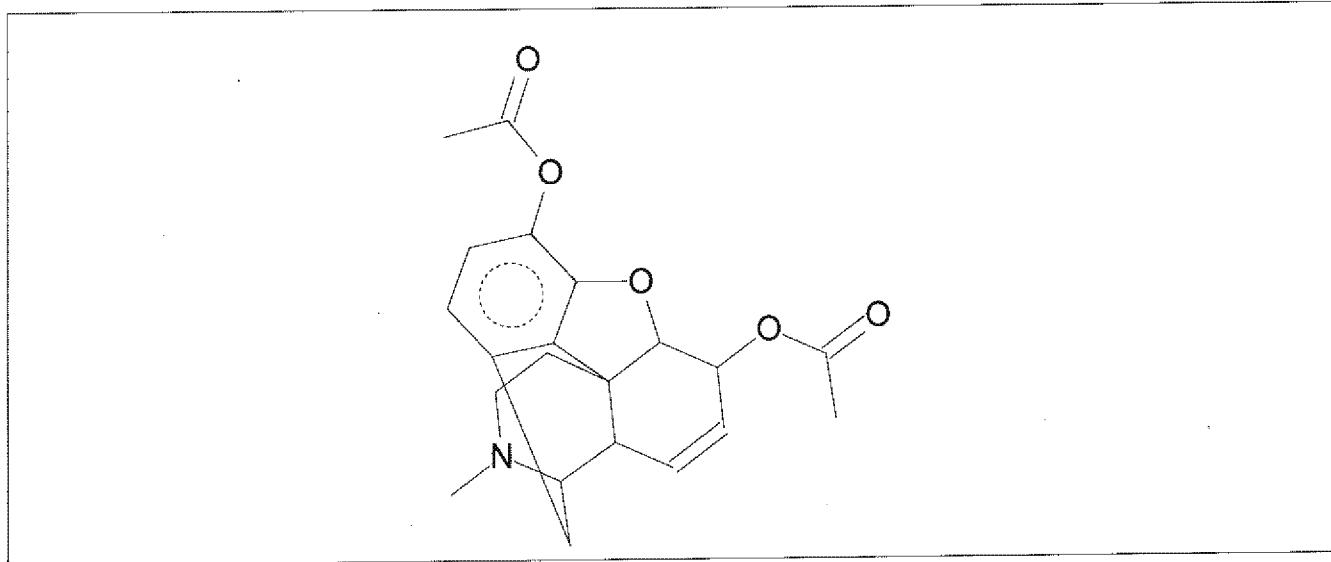
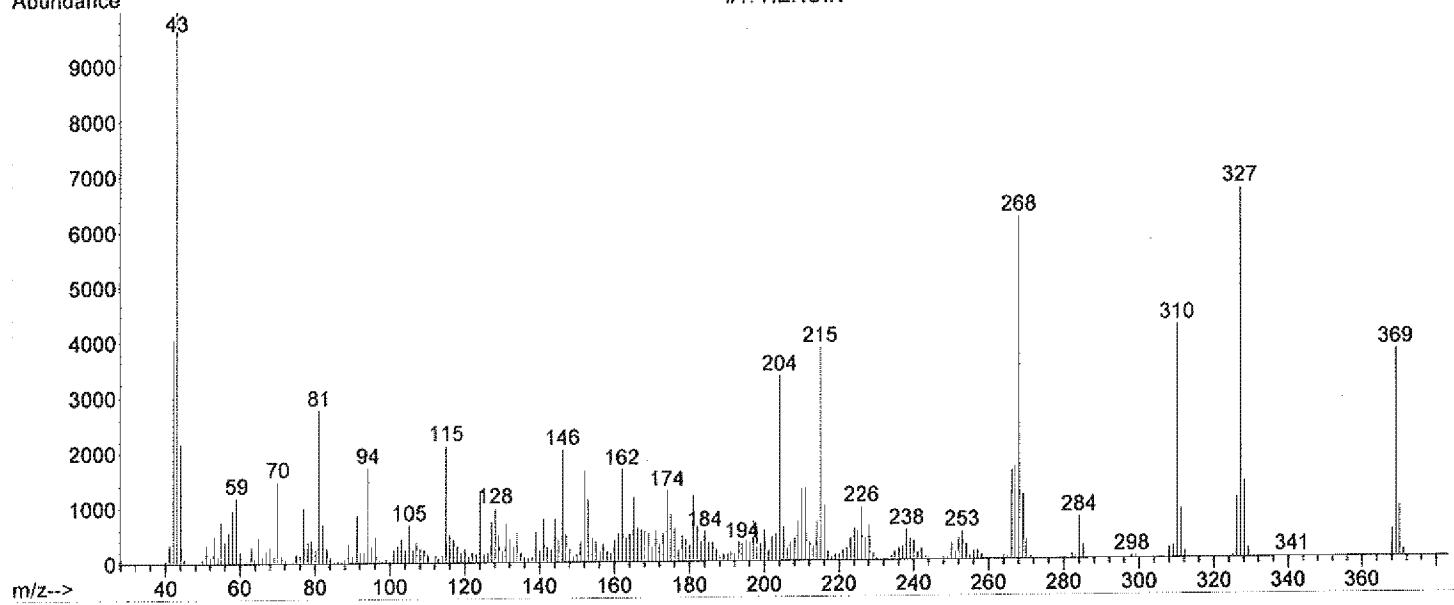
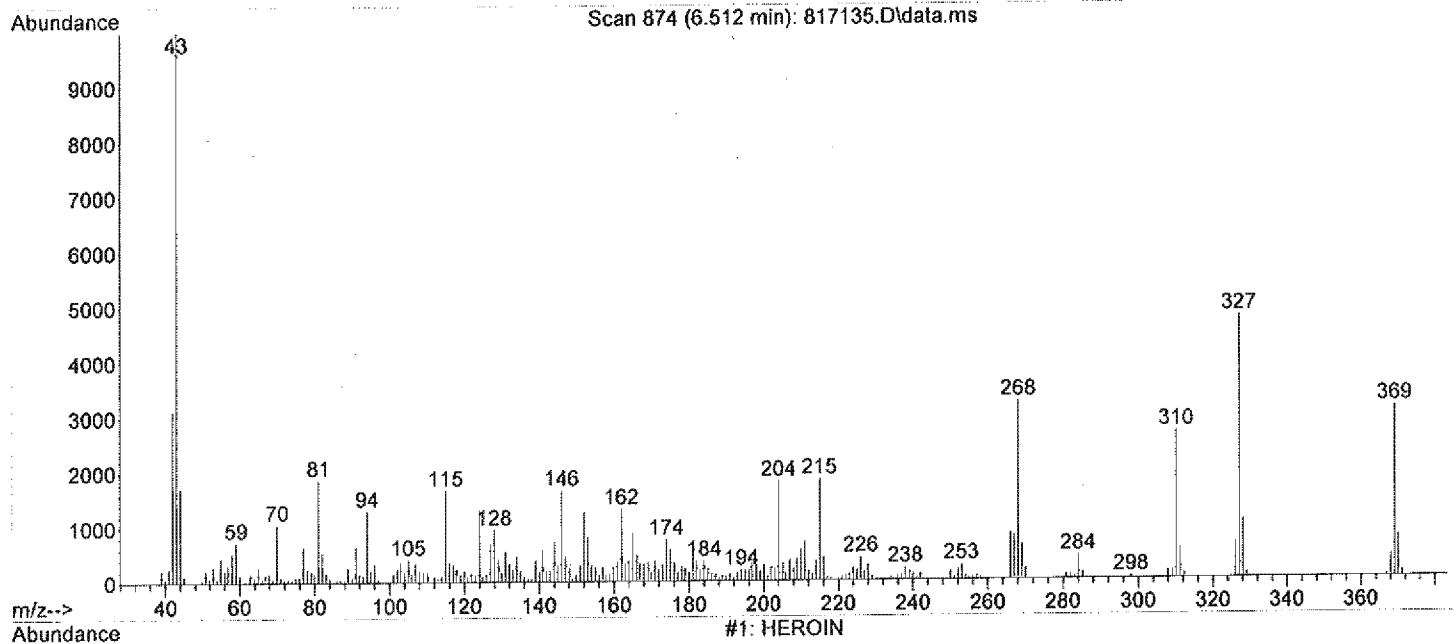
File Name : K:\02\_15\_12\817135.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:25  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 35  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
No Hits Found				

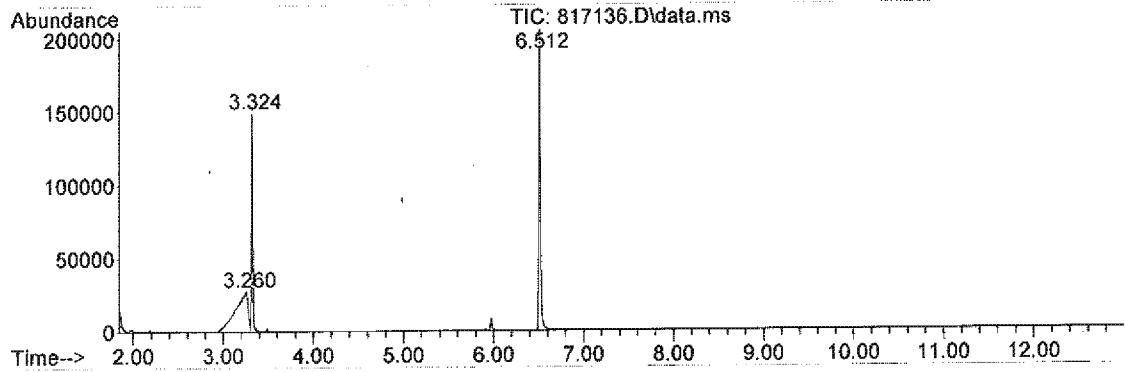


Library Searched : C:\Database\SLI.L  
Quality : 99  
ID : HEROIN



## Information from Data File:

File Name : K:\02\_15\_12\817136.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:40  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 36  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



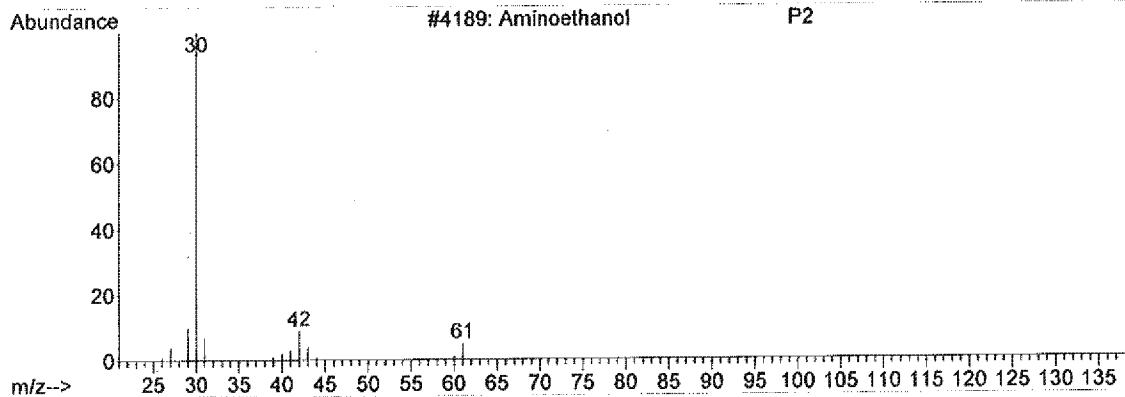
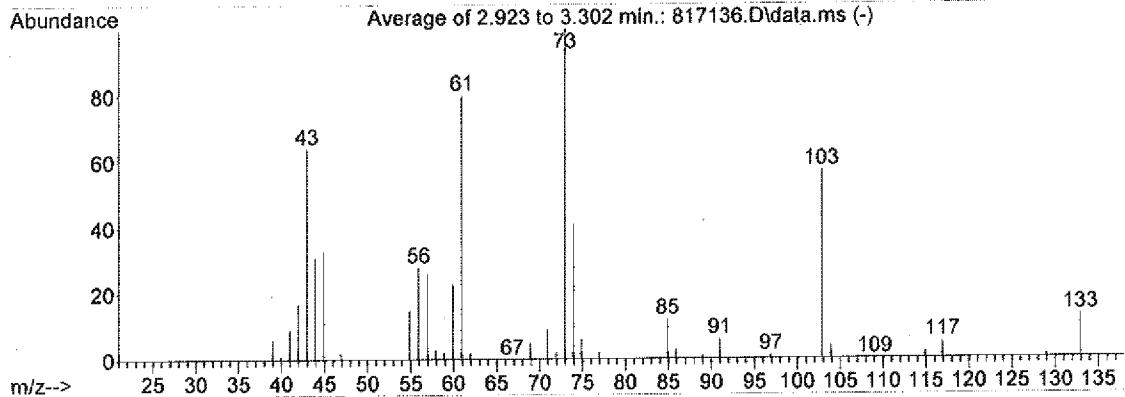
Ret. Time	Area	Area %	Ratio %
3.260	276553	40.64	100.00
3.324	143259	21.05	51.80
6.512	260621	38.30	94.24

## Information from Data File:

File Name : K:\02\_15\_12\817136.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:40  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 36  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\PMW_TOX2.L		
		Aminoethanol	000141-43-5	3
		2-Methyl-1-propanol (isobutanol)	000078-83-1	3
		Methylacetate	@ 000079-20-9	3

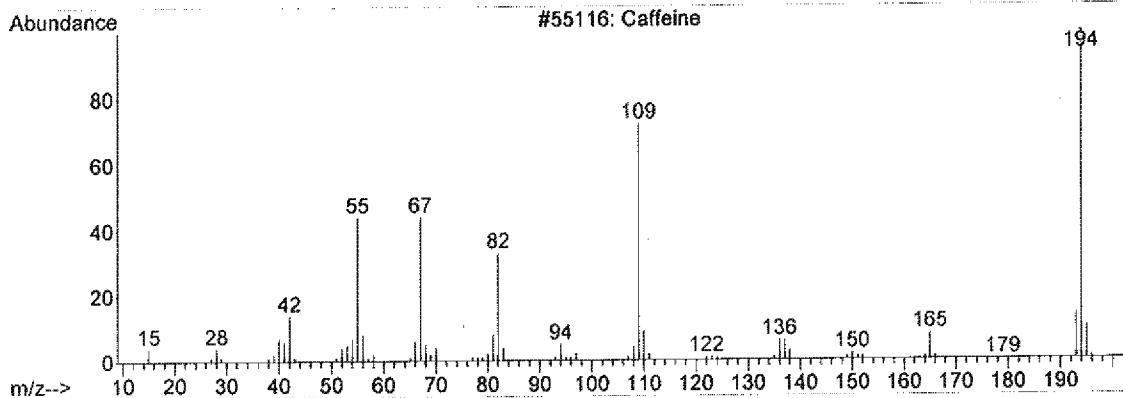
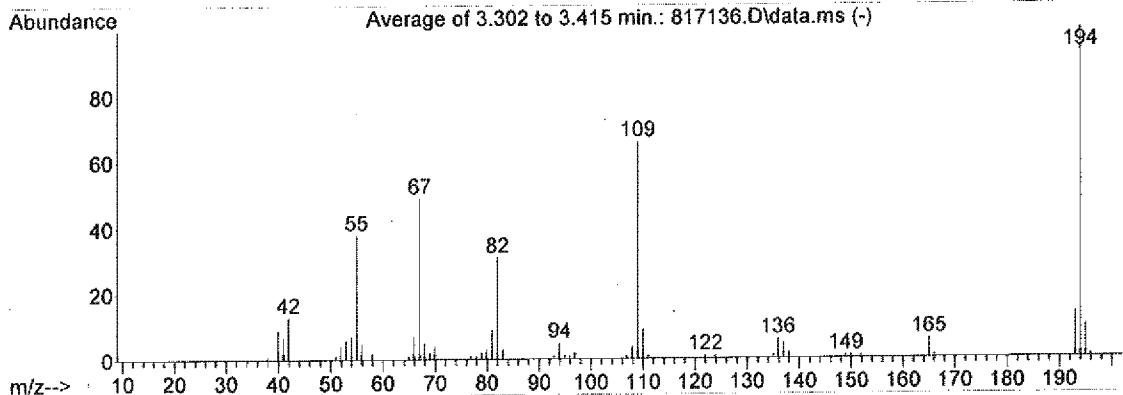


## Information from Data File:

File Name : K:\02\_15\_12\817136.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:40  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 36  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

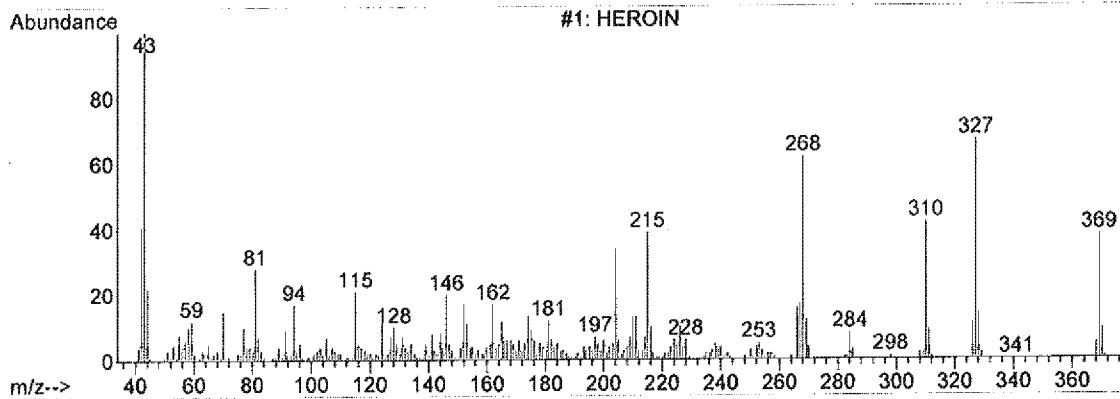
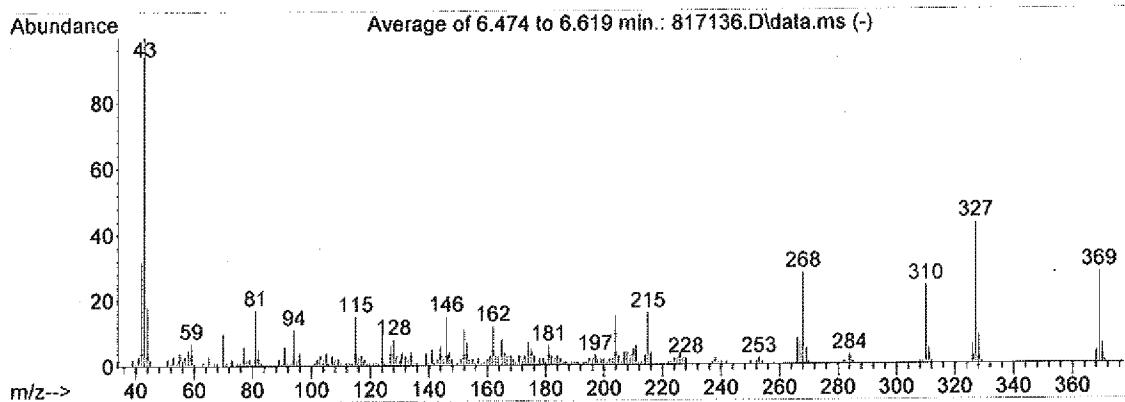


## Information from Data File:

File Name : K:\02\_15\_12\817136.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:40  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 36  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

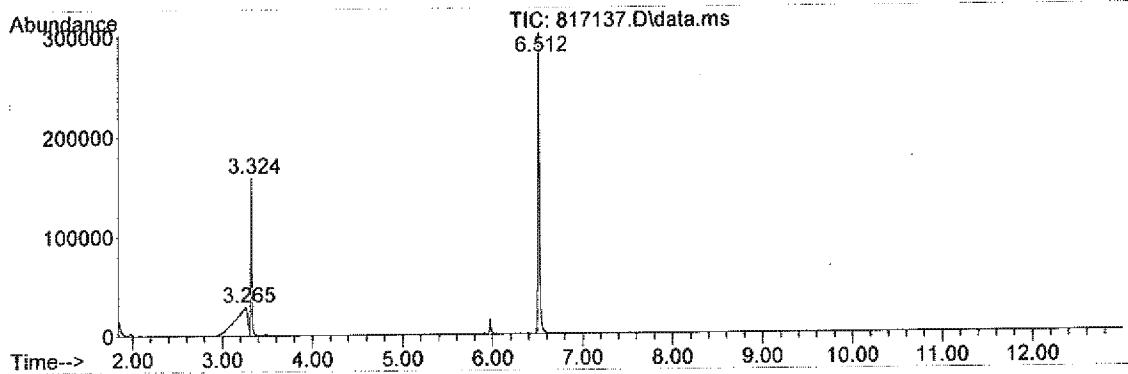
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	96



## Information from Data File:

File Name : K:\02\_15\_12\817137.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:56  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 37  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



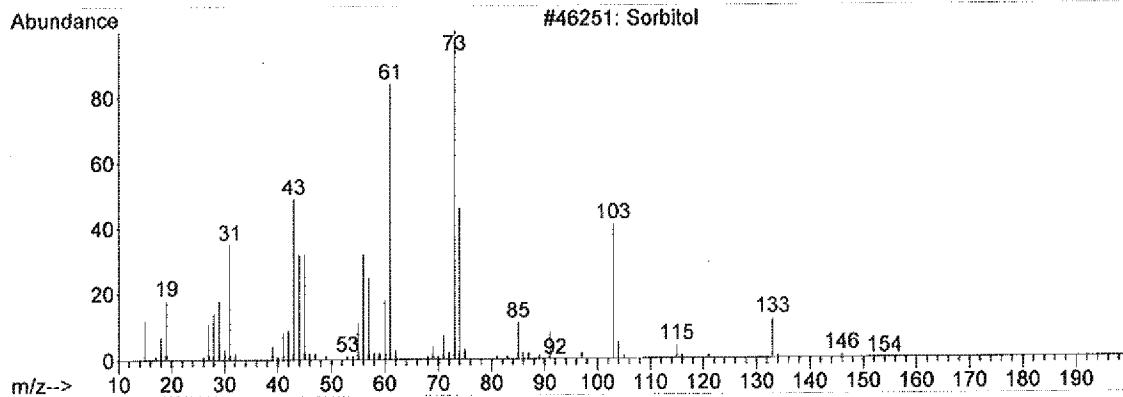
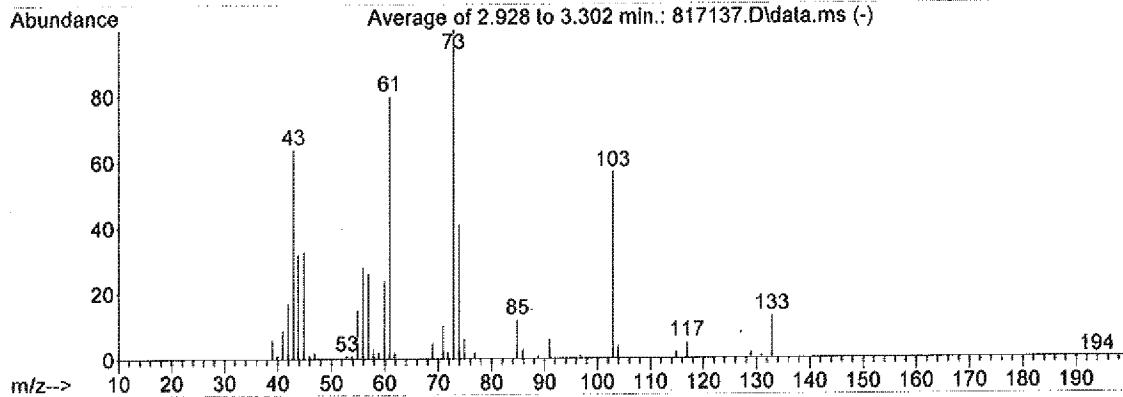
Ret. Time	Area	Area %	Ratio %
3.265	291366	35.08	75.63
3.324	153960	18.54	39.96
6.512	385255	46.38	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817137.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:56  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 37  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	86

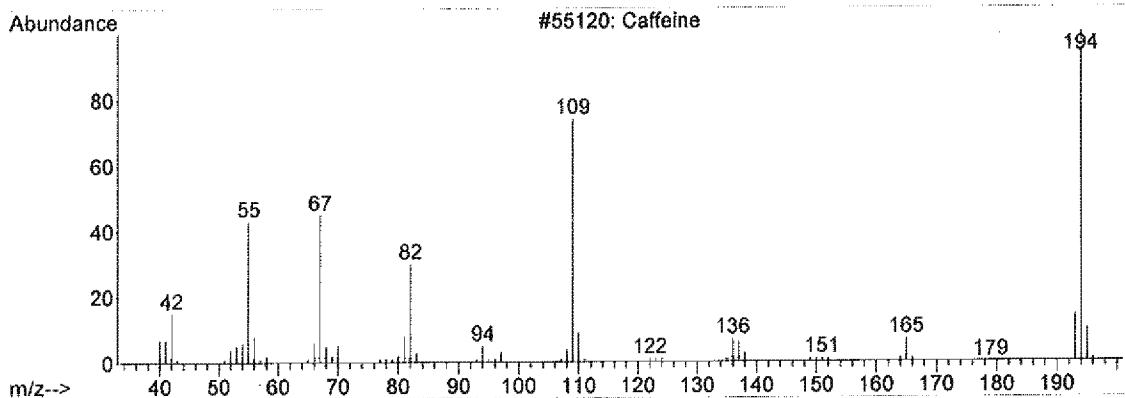
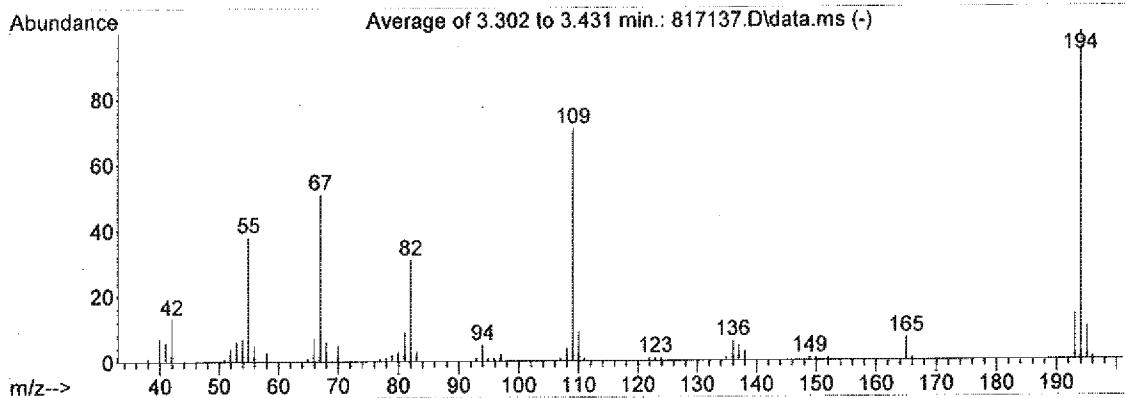


## Information from Data File:

File Name : K:\02\_15\_12\817137.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:56  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 37  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98

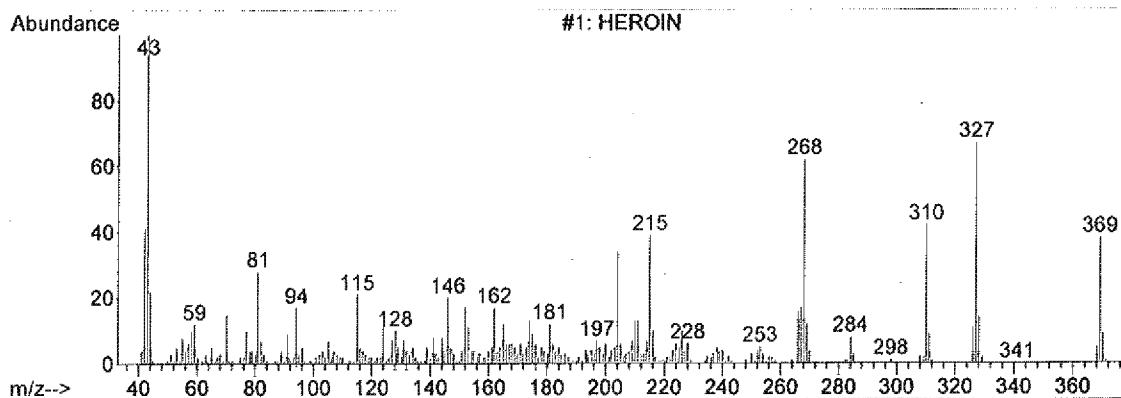
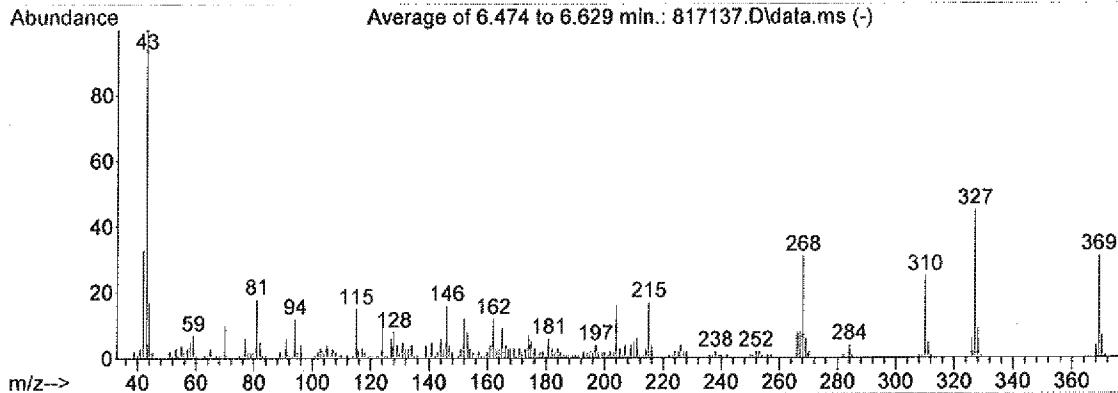


## Information from Data File:

File Name : K:\02\_15\_12\817137.D  
Operator : KAC  
Date Acquired : 15 Feb 2012 23:56  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 37  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

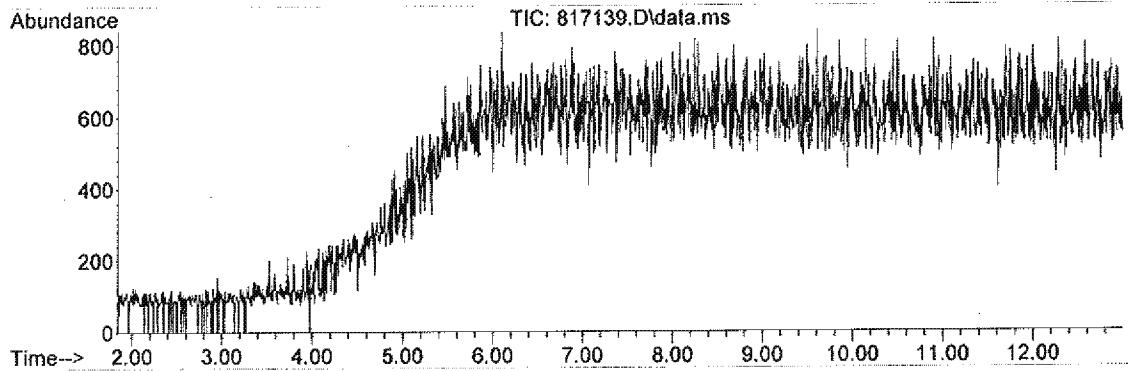
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : K:\02\_15\_12\817139.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 00:26  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

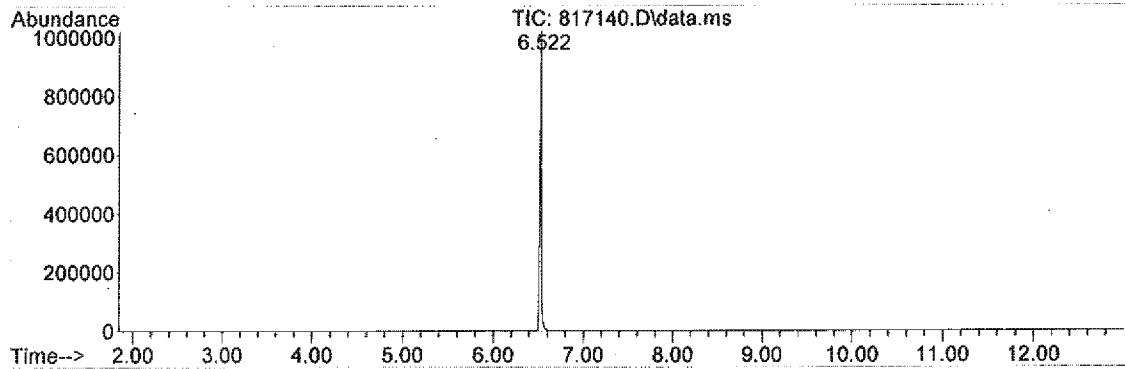


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\817140.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 00:42  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 40  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.522	1258986	100.00	100.00

## Information from Data File:

File Name : K:\02\_15\_12\817140.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 00:42  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 40  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.52	C:\Database\SLI.L HEROIN	000561-27-3	99

